

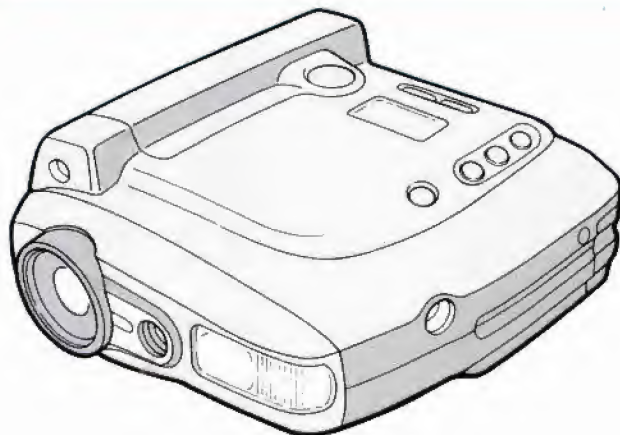
Canon

STILL VIDEO SYSTEM

C 3/15-112

RC-360

CANON STILL VIDEO CAMERA



Please read this instruction carefully before operation.

EInstructions

Hi V F
NTSC

FCC NOTICE

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

DOC NOTICE

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

The serial number of this product may be found on the back.

No others have the same serial number as yours. You should record the number and other vital information here and retain this book as a permanent record of your purchase to aid identification in case of theft.

Date of Purchase

Dealer Purchased From

Dealer Address

Dealer Phone No.

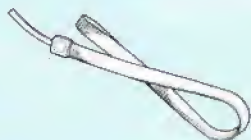
Model No. RC-360

Serial No.

Apple, Machintosh, QuickTime, Laser Writer are trademarks of Apple Computer Inc.
NuBus is a trademark of Texas Instruments Incorporated.

Unpacking

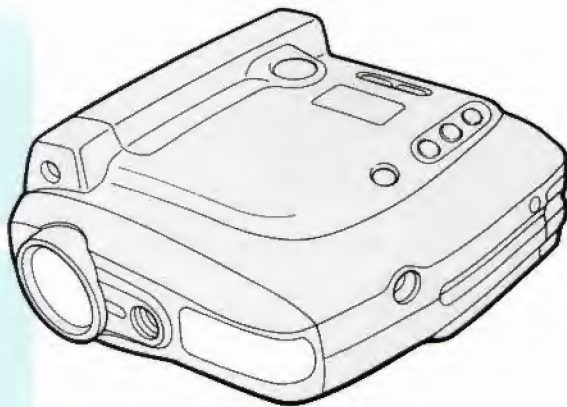
Your still video camera comes with the following items.
Please confirm that you have them all as you unpack.



Neckstrap NS-30



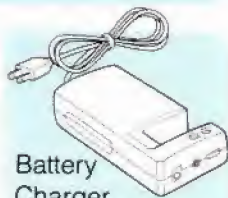
Soft Case SC-C26



Still Video Camera RC-360



Battery Pack
BP-4P*



Battery
Charger
BA-24P*



Video Floppy
Disk VF-50*



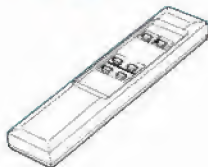
Mini Plug-Pin
Cable KE-M2P*

*Also available as options.

Accessory Kit AK-C36



AC Coupler AR-260



Wireless Controller
WL-C6



Two AAA
batteries



Pin Cable KE-PIN



Tripod Adapter
TA-C26

Contents

Unpacking	3
Accessory Kit AK-C36	3
Features	6
Quick Guide	10
Shooting	10
Viewing	11
Erasing	12
Precautions	13

Before Using Your Still Video Camera

Nomenclature	14
Functions and Buttons Used	16
Power Source	18
Battery Pack BP-4P	18
Power Pack PP-A8	20
AC Outlet	21
Sub Battery (Lithium Battery)	22
Video Floppy Disk	23
Precautions	24
Inserting and Removing the Video Floppy Disk	25
Display Panel	26
Setting Date	28

Taking Pictures

Basic Still Video Photography	30
Regular Shooting	30
Shooting with Flash	32
Shooting Backlit Subjects	33
Advanced Still Video Photography	34
Macrophotography	34
Interval Shooting	35
Insert Shooting	36
Skip Shootnig	36
Self-timer Shooting	37

Viewing Pictures

Viewing on Battery Power	38
Viewing on a TV with a Video-in Terminal	39
Viewing on a TV with an S-Video-in Terminal	40
Viewing on a TV with an Aerial-in Terminal	41
Previewing Pictures	42
Wireless Controller	43
Viewing Pictures	44
Continuous Playback	45
Interval Playback	45
Specifying Date Display	46

Erasing Pictures

Erasing a Picture Just Taken	47
Erasing Pictures Taken Earlier	48
Continuous Erase	49
Erase All	50

Appendix

Situations and Connections	51
Troubleshooting	54

Specifications	56
-----------------------------	----

Accessories	58
--------------------------	----

RC-360 System Chart	59
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Features

of Canon Still Video Camera RC-360

● Just right for visual presentations and imaging memos

Real-time playback

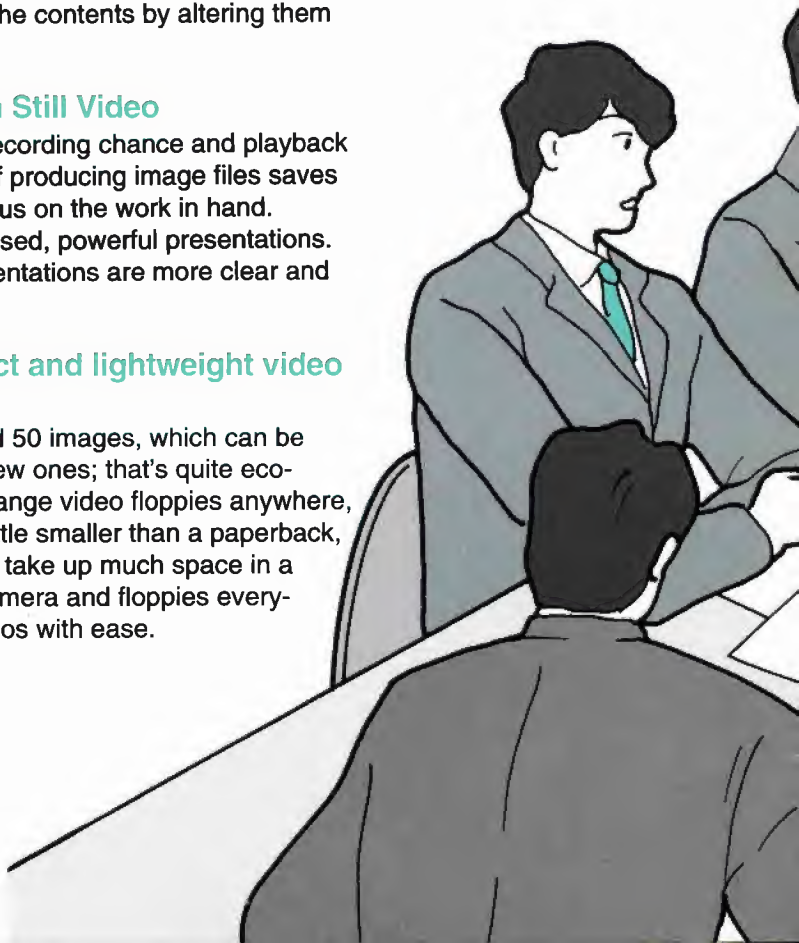
Still video images require no developing. You can view the images you have taken, immediately, on a TV, anywhere, anytime. Just-in-time production provides with the most up-to-date information visually. Moreover, in-house production lets you control the contents by altering them easily and economically.

Seize the Moment with Still Video

Still video lets you control recording chance and playback time at your leisure. Ease of producing image files saves time and enables you to focus on the work in hand. Focused images mean focused, powerful presentations. In addition, interactive presentations are more clear and impressive.

Versatile, ultra-compact and lightweight video floppy disk

One video floppy can record 50 images, which can be erased and replaced with new ones; that's quite economical. You can also exchange video floppies anywhere, anytime. The RC-360 is a little smaller than a paperback, and a video floppy does not take up much space in a pocket. You can take the camera and floppies everywhere, to make image memos with ease.





● Image-related applications on the Macintosh enhance publications or presentations

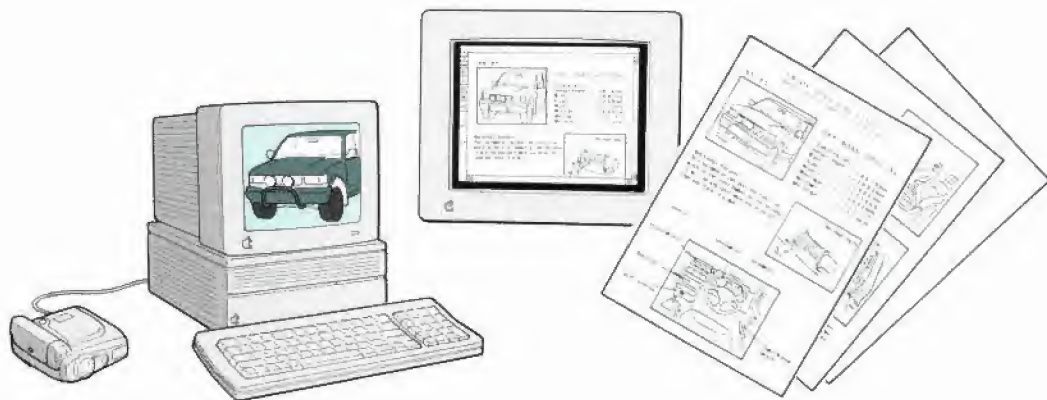


Capturing and inputting images for computer integration

The dedicated digitizer board installed into the NuBus slot brings the images recorded with the RC-360 into your computer via a single cable. The digitizer maintains consistent image quality by using automatic exposure adjustment before acquiring an image from the RC-360. The images can be acquired in either 24-bit color or 8-bit monochrome formats and used in virtually any graphics application on the Macintosh.

Controlling of playback, image processing and editing functions for the still video images from the Macintosh desktop

By controlling the RC-360 from the Macintosh, you can select the image to be displayed on a TV or input into the computer, process the image, with cropping, rotation, exposure adjustment, or special effects, and edit it by enlarging or reducing it, selecting an area to work on, creating fill panels, or placing text on the image.



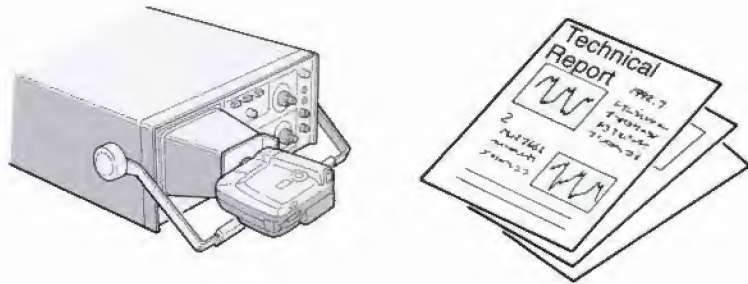
Support of JPEG compression, QuickTime and AppleEvents standards

The software provides optional data compression for your still video images, using a proprietary implementation of the standard JPEG algorithm for compressed data. Standard compression using Apples' QuickTime compressor for PICT images is also supported. This offers a convenient means of interchange with other applications and systems.

● Versatile options expand for the RC-360's applications

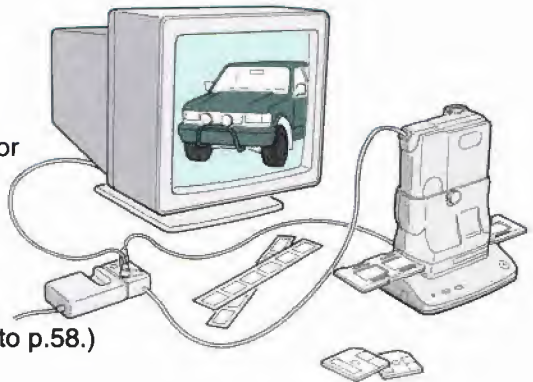
Recording waveforms from an oscilloscope

With the Camera Hood Kit CD-C26 attached to the RC-360, capturing waveforms displayed on an oscilloscope is simple. With the date and time recorded automatically on the image, you can easily make an accurate visual file of the results of experiments. Inputting the image into a personal computer via the digitizer and adding text then lets you make clearer technical reports.



Reproducing images from color negatives and color slides

Inserting the RC-360 on the Canon Film Adapter FA-C26 will allow you to record color negatives and color slides on a video floppy. The negative/positive conversion function lets you negatives as positive images. Connecting the RC-360 to a monitor will allow you to use the camera and film adapter to view slides as a slide projector.



Several other options are available. (Refer to p.58.)

With the Canon Video Floppy Disk Drive FV-540 or other digitizer also, you can capture still video images with your personal computer.

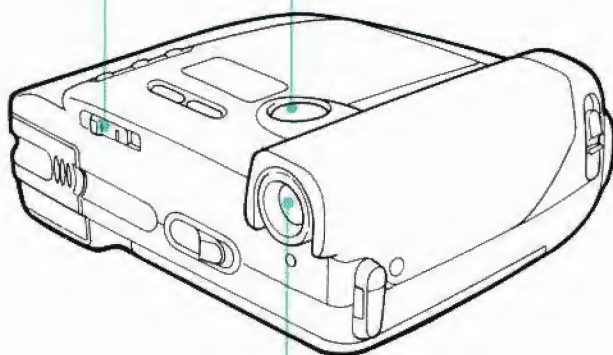
Quick Guide

Shooting

1 Main Switch

3 Shutter Button

2 Viewfinder Window



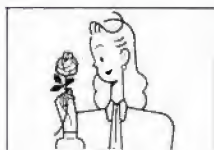
1

Move the main switch to REC.



2

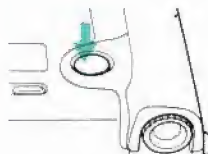
Look through the viewfinder and compose your picture.



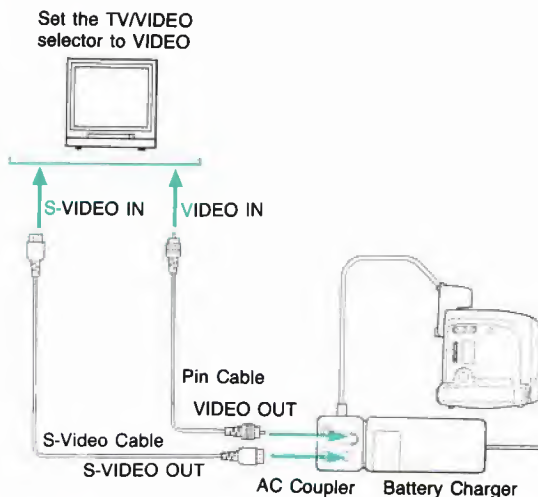
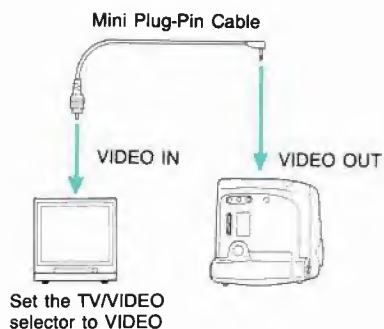
3

Press the shutter button slowly, halfway down.

If a red light does not blink beneath the viewfinder, press the shutter button all the way to take the picture.

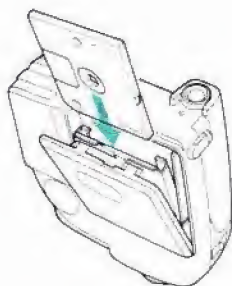


Viewing



1

Insert a video floppy disk with pictures in the camera.



2

Move the main switch to PLAY/ERASE.

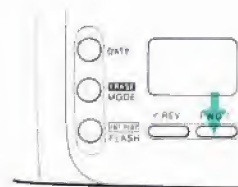
The track number "1" appears on the display panel.



3


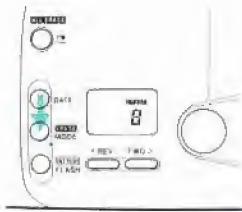
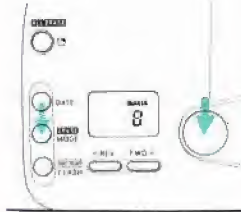
To see the next picture, press FWD.

To return to an earlier one, press REV.


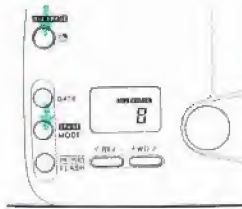
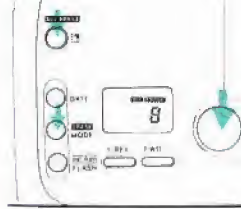


Erasing

Erasing selected pictures

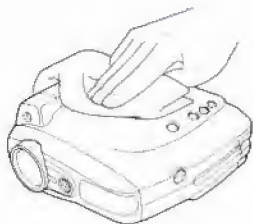
1	2	3
<p>To erase an unwanted image, slide the main switch to PLAY/ERASE. Press the FWD and REV buttons to find its track number.</p> 	<p>Press the MODE/ERASE button. ERASE will appear on the display panel.</p> 	<p>Holding down the MODE/ERASE button, press the shutter button fully.</p> 

Erasing all pictures

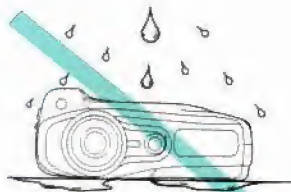
1	2	3
<p>Slide the main switch to PLAY/ERASE.</p> 	<p>Holding down the MODE/ERASE button, press the ALL ERASE button. ALL ERASE will appear on the display panel.</p> 	<p>Holding down the MODE/ERASE button and ALL ERASE button, press the shutter button fully. The number of the track being erased will appear on the display panel.</p> 

Precautions

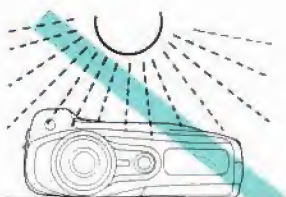
Your still video camera is a precision electronic instrument. Please observe the following precautions for years of enjoyable use.



Always use a clean, soft cloth to clean the camera.



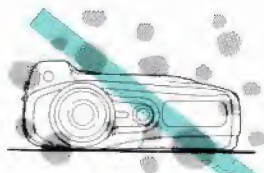
The camera is not waterproof. Wipe it thoroughly with a clean cloth if it is splashed with water or exposed to sea breezes.



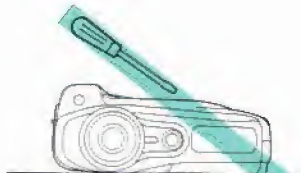
Never leave the camera in direct sunlight or in places that become extremely hot, such as in the trunk of a car or on the dashboard or rear shelf.



Use the neckstrap to hang the camera around your neck, not to dangle it from your hand. A strong shock may damage it.

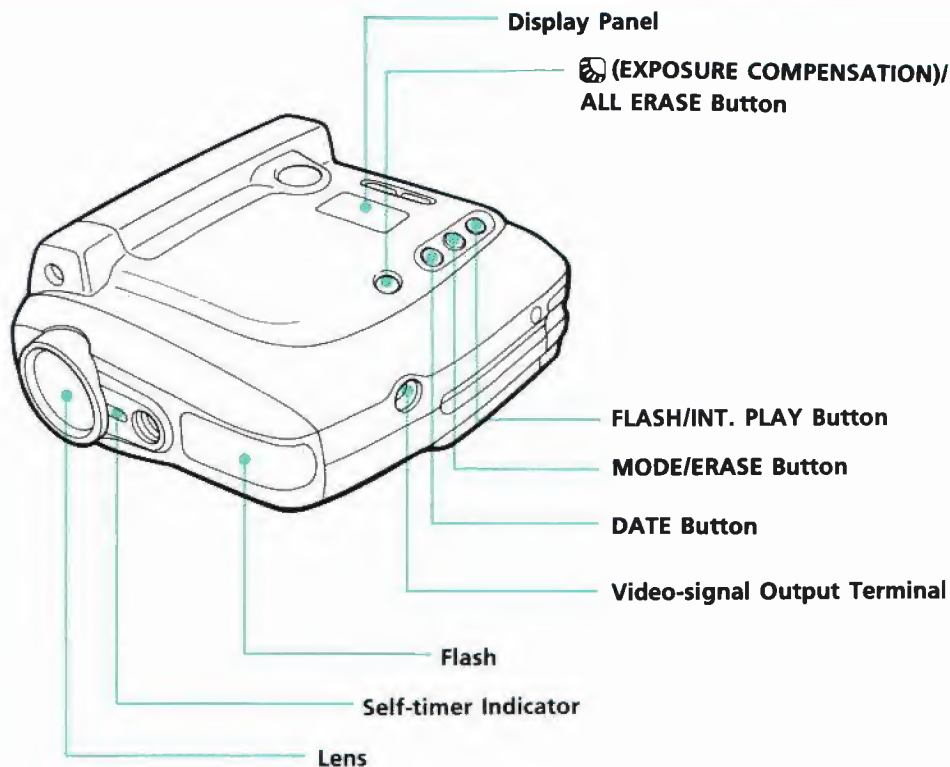


Avoid using or storing the camera where dust or sand could damage it.



Never attempt to disassemble the camera.

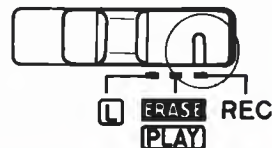
Nomenclature

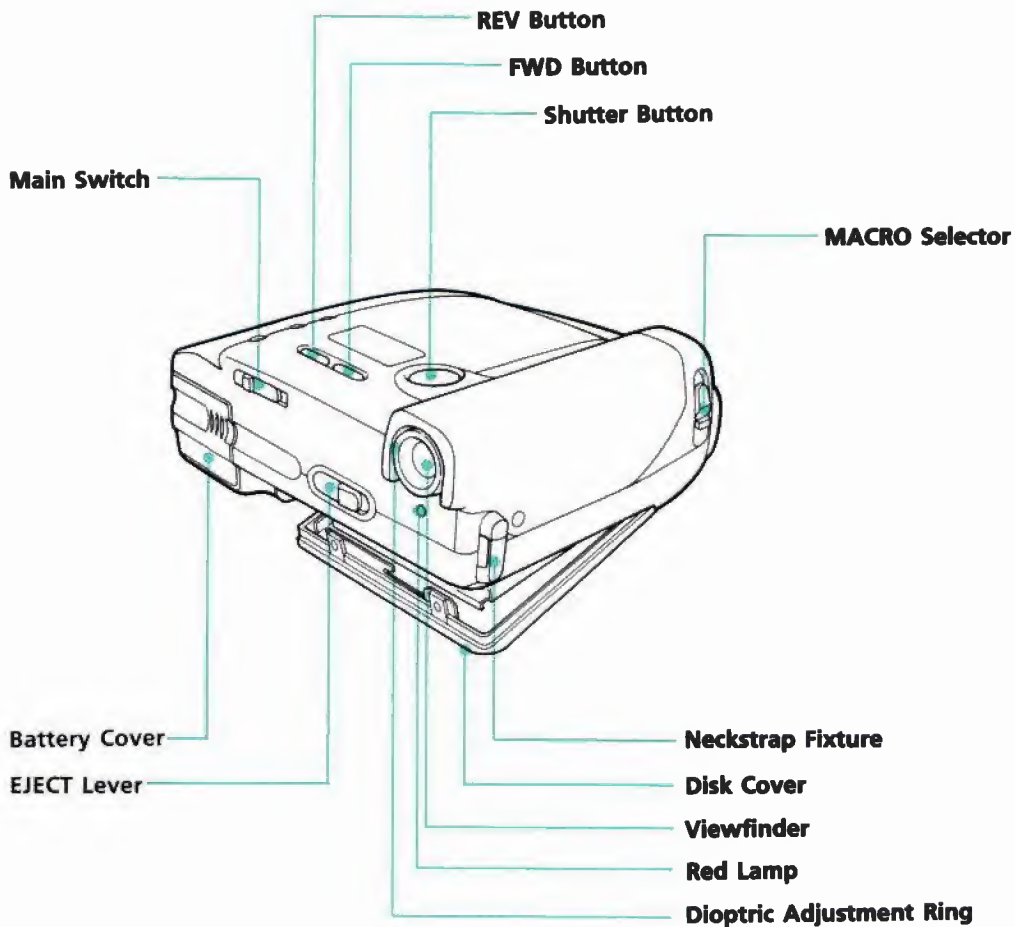


Turning on Your Camera

To turn on your camera, move the main switch from **L** (Lock) to REC for Record. The other setting, PLAY/ERASE, you will use later to view your pictures and to erase those you do not need.


- **L (Lock)** — for turning off camera.
- **PLAY/ERASE** — for viewing pictures or erasing them
- **REC** — for taking pictures






The small hole on the bottom of the camera is for attaching the Tripod Adapter and is not a tripod socket.

Functions and Buttons Used

	Function	See page	
Shooting	Sets a shooting mode (S → C →  → INT → S)	30	
	Sets date and time	28, 29	
	Records an image	30, 31	
	Executes continuous shooting	31	
	Sets flash OFF	32	
	Sets flash AUTO	32	
	Compensates exposure value (+ 1.5 EV)	33	
	Sets flash forced	33	
	Executes macrophotography	34	
	Executes interval shooting	35	
	Executes insert shooting	36	
	Executes skip shooting	36	
	Executes self-timer shooting	37	
Viewing	Views the image just shot	42	
	Views images	44	
	Views the image recorded on the next higher track number	44	
	Views the image recoded on the previous smaller track number	44	
	Executes continuous playback	45	
	Executes interval playback	45	
	Specifies date display	46	
	Uses the Wireless Controller WL-C6	43	
Erasing	Erases the image being played back	47, 48	
	Erases continuously	49	
	Erases all images on the video floppy disk	50	
Not in use	Turns the power off	14	

Position of Main Switch			Buttons used		
LOCK	PLAY/ ERASE	REC	(1)		(2)
		●	MODE button		
		●	DATE button	→	FWD button
		●	SHUTTER button		
		●	MODE button (C)	→	SHUTTER button (hold down)
		●	FLASH button	+	FWD or REV button
		●	FLASH button	+	FWD or REV button
		●	EXPOSURE COMPENSATION button	+	SHUTTER button
		●	FLASH button	+	SHUTTER button
		●	MACRO selector	→	SHUTTER button
		●	MODE button (INT.)	→	FWD or REV button → Shoot
		●	REV button	+	SHUTTER button (halfway) → Shoot
		●	FWD button	+	SHUTTER button (halfway) → Shoot
		●	MODE button ()	→	SHUTTER button
		●	SHUTTER button (hold down)		
	●				
	●		FWD button		
	●		REV button		
	●		FWD or REV button (hold down)	+	SHUTTER button
	●		INT. PLAY button		
	●		DATE button		
	●				
	●		ERASE button	+	SHUTTER button
	●		ERASE button	+	SHUTTER button (hold down)
	●		ERASE button + ALL ERASE button	+	SHUTTER button
●					

Note: + indicates press both at once.
→ indicates press button (1), then (2).

Power Source

Your still video camera can operate on three types of power sources: the rechargeable Battery Pack, the Power Pack using eight AA-size batteries or an AC outlet.

Battery Pack BP-4P

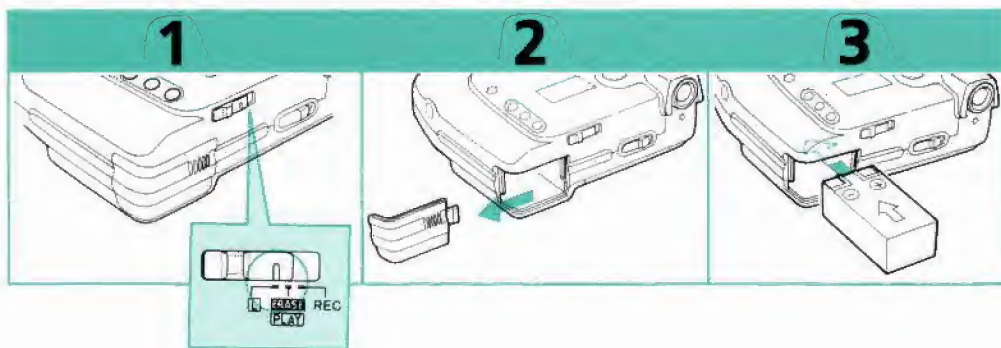
How long will the Battery Pack last?

Shooting without flash use:	Approx. 600 pictures
Shooting with 25% flash use:	Approx. 200—300 pictures
Viewing:	Approx. 10 minutes
Recharging time:	Approx. 3.5 hours

*Based on Canon's standard test method.

Low temperatures reduce battery life. If you are operating your camera in the cold or taking many flash pictures, we recommend that you carry a spare battery pack with you.

Inserting the Battery Pack



- 1** To insert the battery pack, first turn the main switch on your camera to **L** (Lock).
- 2** Slide off the battery cover.
- 3** Insert a fully charged battery as shown. Slide the battery cover back on.

Before using the battery pack for the first time

A newly purchased battery must be charged before use.

Precautions

- Charge the battery before using.
- Recharge the battery after using; even if used only for a short time.
- Remove the battery if not using the camera for a while. Store the battery in a well-ventilated, cool, dry place.
- Note that battery which is not used for a while, it loses its power due to self-discharge.

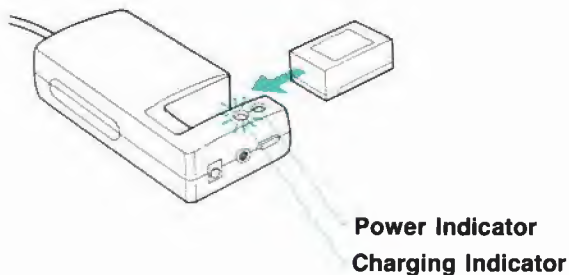
Recharge it at least once every six months.

- Use the Battery Charger BA-24P (or BC-24P) to charge the battery.

Recharging the battery pack

Insert the battery pack into the Battery Charger when the Low Battery indicator is shown on your camera's display.

1. Plug in the Battery Charger. The red power indicator lights up.
2. Slide the battery pack into the Battery Charger. The red charging indicator lights during charging and goes out when the battery has been charged approximately 80%. Continue charging for an additional 2.5 hours for complete charge. Full charging takes about 3.5 hours.
3. For details, refer to the Battery Charger instructions.



Power Pack PP-A8

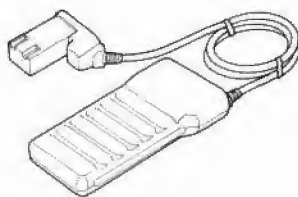
Conveniently sized pack supplies electric power for your camera from 8 AA batteries.

How long will the Power Pack batteries last?

Shooting without flash use: Approx. 4000 pictures

Shooting with 25% flash use: Approx. 800 pictures

Viewing: Approx. 1 hour



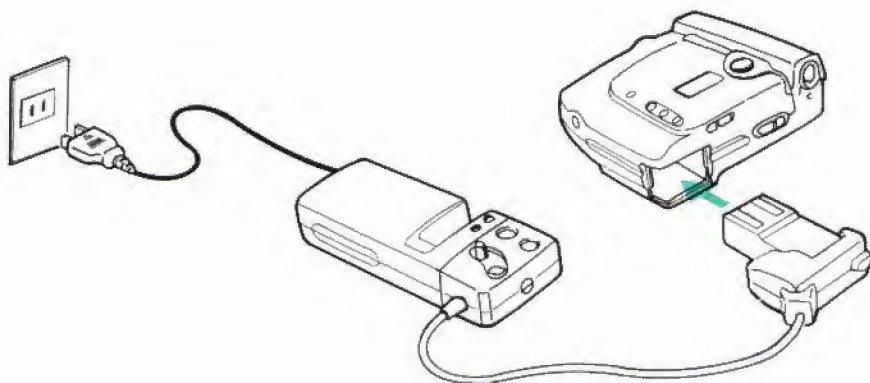
*Based on Canon's standard test method.

NOTE

Use alkaline-manganese batteries only. Do not use manganese or Ni-Cd batteries.

AC Outlet

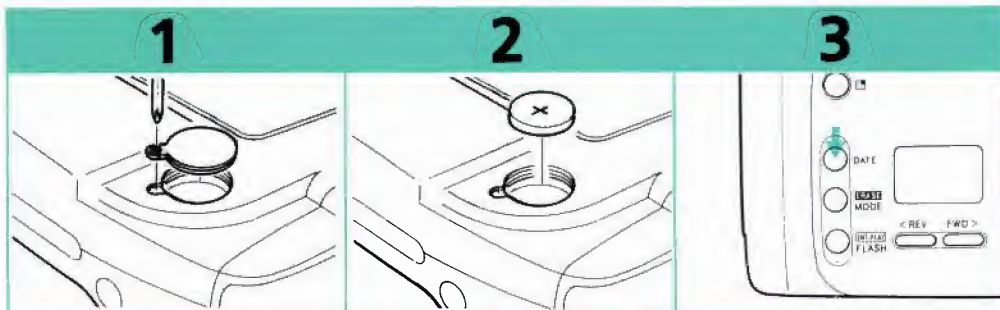
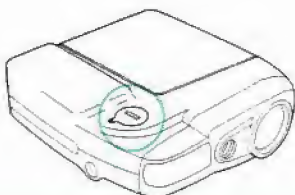
With the AC Coupler AR-260 and the Battery Charger BA-24P, you can use an AC outlet. We recommend use of an AC outlet for extended viewing of your pictures. An AC outlet can also be the power source for taking pictures, particularly when the resulting lack of mobility would not be a problem — for instance, in taking macro shots indoors.



For information on using the AC Coupler and the Battery Charger, see each instruction manual.

Sub Battery (Lithium Battery)

Your camera's built-in clock operates on a CR2032 lithium battery with a lifetime of about 2 years. When the low sub battery power warning appears in the display panel, replace the battery with a new one.



- 1** Unscrew the battery cover and take out the old battery.
- 2** Insert the new battery as shown, replace cover and screw closed.
- 3** Reset the date and time again, since all data are cleared when the battery is removed.

For further information, see the operating instructions for the type of battery used.

WARNING

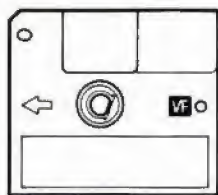
The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, heat above 100°C (212°F), or incinerate. Replace battery with Lithium battery Type CR2032. Use of another battery may present a risk of fire or explosion.

Video Floppy Disk

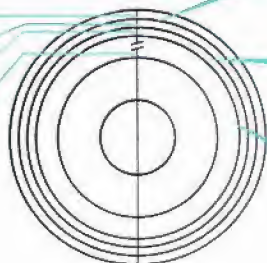
Your still video camera records pictures on a floppy disk instead of film. Take the disk out of its clear plastic case. What you are holding is a flexible magnetic disk inside a plastic cover. The dustproof shutter slides back when the disk is in the camera to permit recording, viewing, and erasing images. This two-inch floppy disk conforms to the worldwide standard for video floppy disks. It has 50 recording tracks (numbered 1 to 50); your still video camera will record one picture in each track.

Pictures recorded on the disk can be erased and the disk used again and again. The images you want to keep are safe from accidental erasure, however, after taking pictures, just snap off the erasure prevention tab. Then the pictures cannot be erased.

No pictures can be recorded on a disk that lacks an erasure prevention tab. If you later decide to record other pictures on the disk, you must replace the tab by covering the tab area with the seal provided with your disk or with a thin strip of cellophane tape.



Track 1
Track 2
Track 3
Track 50



Video floppy disk



Picture 1

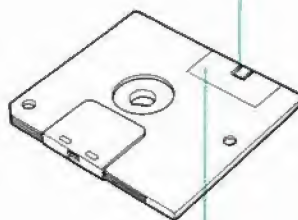


Picture 2



Picture 3

Erasure Prevention Tab



Seal Placement Area

Place a seal or cellophane tape inside this area only.

Precautions

Unlike film, floppy disks are not light sensitive. Since they are magnetic media, however, they do require some care.

Handling video floppy disks

- If the dustproof shutter opens accidentally, close it immediately. Never touch the disk inside—you will damage it and lose your pictures.
- Never bend a disk.
- Keep disks away from dust and dirt.
- Avoid dropping a disk or subjecting it to strong vibration or shocks.
- Never place a video floppy disk near a motor or other electric device that generates strong magnetic fields.

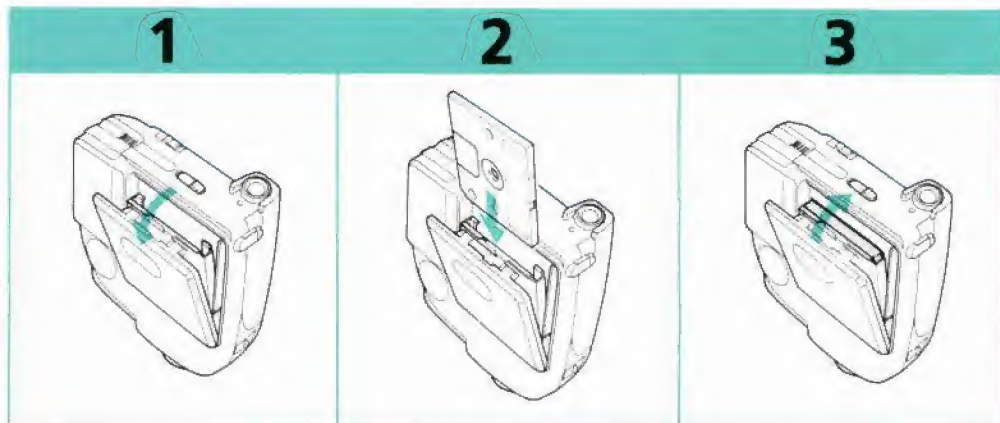
Storing video floppy disks

- Always store the disk in its clear case when not in use.
- Never leave a disk in the camera when you are not planning to use the camera for some time.
- Never leave a disk in direct sunlight or in places that become extremely hot or humid, such as in the trunk or on the dashboard of a car.

Video Head

- A dirty video head may cause unsatisfactory reproduction of images or prevent the shutter from releasing. Use the Canon Cleaning Disk VF-CD to clean the video head. For details, see the instruction manual for the VF-CD.
- If images are still not clear after cleaning the video head, the head may be worn. Consult your dealer or service facility about having it replaced.

Inserting and Removing the Video Floppy Disk



1 Slide the EJECT lever on the camera to open the disk cover.

2 Insert the video floppy disk as shown.

Note the arrow on the disk; it indicates the direction for insertion. The disk will not fit in any other way. Never force a disk into place.

3 Close the disk cover securely.

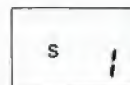
To remove the disk, simply press the EJECT lever and slide it out.

Display Panel

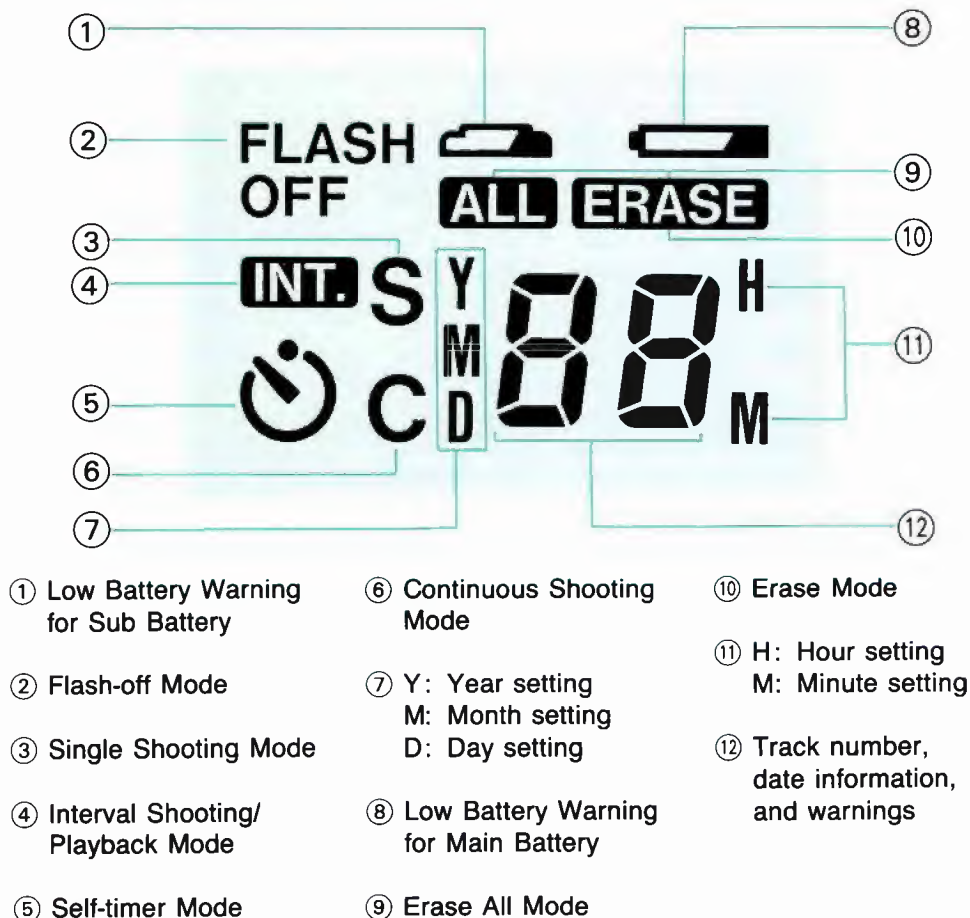
The liquid crystal display panel indicates the information you need for taking pictures, viewing them, and erasing them.

Now that you have a freshly charged battery pack in place and have inserted your new video floppy disk, you should see the following display.





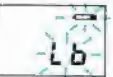

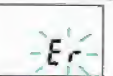
The 1 is the video floppy disk track number to be used, and the S refers to single picture shooting, the basic shooting mode.



The display panel also provides the following information when it applies:



Warnings in the Display Panel

Warning	Meaning/Solution	Red lamp	See page
	No video floppy disk in camera.	*	25
	The erasure prevention tab is broken off. (appears only in recording and erasing modes). Insert a new disk, or cover the tab area with a seal or tape.	*	23,25
	All tracks have been recorded on. (appears only in recording mode). This warning appears whenever the 50th track is recorded on, even if other tracks are unused. Insert a new disk, or use Insert function to backtrack to empty tracks.	*	25 36,48
	Main battery power is low. Recharge soon.		18,19
	Replace the battery immediately. The camera will not function.	*	
	Sub battery power is low. The camera will record date and time, but not accept date corrections. (When this mark remains lit, the camera neither record date and time nor accept date corrections.)		
 (Er and number blinking alternately)	Error exists. Press the shutter button or remove and reinsert the video floppy disk. If Er still flashes, try another disk. If the camera still does not function normally, see your dealer or service facility.		

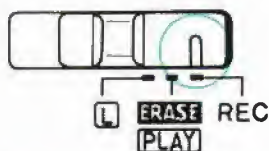
NOTE

When the red lamp underneath the viewfinder blinks (shown as * in the above table), the shutter will not be released.



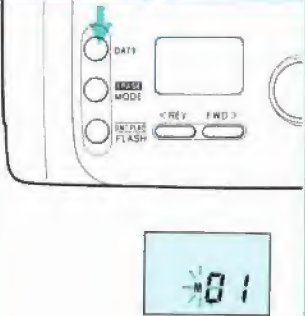


Setting Date

Your still video camera automatically records the date and time whenever you take a picture. Because the picture and date are recorded separately, whether to display the date when you view the picture is up to you. (See p. 46.) Before starting to take pictures, set the correct date and time.



With the main switch on REC (record)

1	2	3
A close-up of the camera's control panel. The DATE button is highlighted with a green circle and a green arrow pointing to it. The panel also shows buttons for MODE, FLASH, <REV, and FWD>.	A digital display showing the year '90.	A digital display showing the year 91. The FWD> button is highlighted with a green circle and a green arrow pointing to it.
<p>Press the DATE button.</p>	<p>The display will shift from showing the track number to the year.</p>	<p>Use the FWD (forward) button to set the correct year.</p>

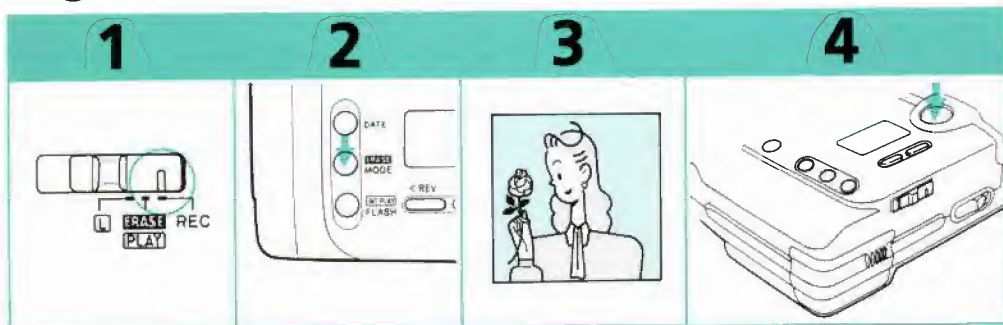
4	5	6
 <p>Press DATE again and set the month.</p>	 <p>Press DATE again and set the day, followed by the hour (using the 24-hour clock) and minute, in just the same way.</p>	 <p>Press DATE again to return to the display showing the track number.</p>

Now your camera is ready to use. Please turn to the next section to learn how to take your first pictures.

Taking Pictures

Basic Still Video Photography

Regular Shooting

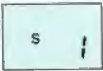
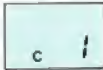
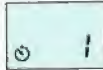
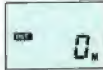


1 Move the main switch to REC.

Check the display panel. It shows the first (lowest) usable track number.

2 Press the **MODE/ERASE** button to select the mode to use.

There are four shooting modes available:

	S— Single-shot the camera takes one shot each time you press the shutter button.
	C— Continuous-shot the camera takes about three pictures a second while you hold the shutter button down. Use for quickly-changing subjects such as sports matches. (The continuous-shot speed drops when using flash.)
	⌚— Self-timer the camera gives you about ten seconds to put yourself in the picture. (For details, see the Advanced Still Video Photography section, p. 37.)
	INT — Interval-shot the camera takes pictures at user-specified intervals. (For details, see the Advanced Still Video Photography section, p. 35.)

For instance, press the **MODE/ERASE** button twice for self-timer shooting. The ⌚ mark will be shown on the display.

3 Look through the viewfinder and compose your picture.

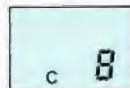
4 Press the shutter button halfway.

You will hear a small click. If a red lamp does not blink below the viewfinder, you are ready to take the picture. Press the shutter button down slowly and completely. You will hear another click as the shutter is released.

- The normal shooting range is from 1m to infinity. Unless you are taking macro photos (see the Advanced Still Video Photography section), always have the camera at least 1m (3-1/4 ft.) away from the subject, for sharp focus.
- ***Bear in mind, as you frame the picture, that if you hold the camera vertically, the picture will be sideways when you view it.***
- The viewfinder is equipped with a built-in dioptic adjustment ring. If you are near- or far-sighted, simply turn the ring until the image is clear. Turn right if nearsighted, turn left if farsighted.

Continuous-shot Photography

When capturing a swiftly-moving subject, shift to continuous-shot mode (C) by pressing the MODE/ERASE button. Then just shoot as usual—the camera will click off about three shots a second. (Note that the shooting rate will drop if you are using flash.)



Holding Your Camera



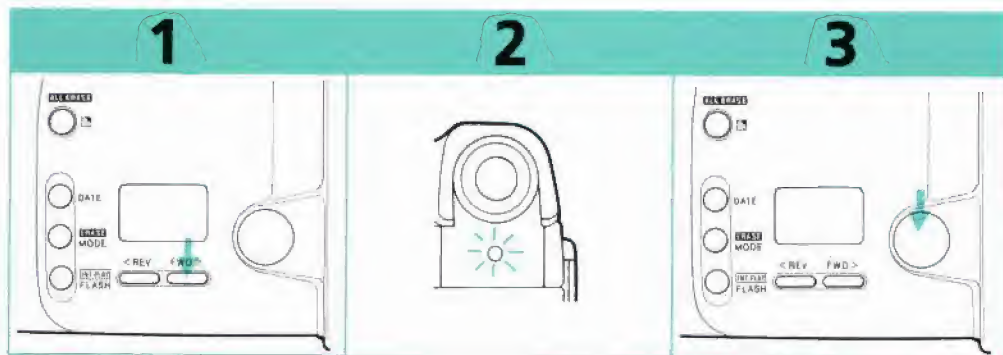
For best results, minimize camera motion by keeping your elbows close to the body.



Never block the lens or flash with your fingers.

Shooting with Flash

Your still video camera has a built-in automatic flash, for best results during regular shooting. The camera automatically determines when a shot needs flash, which is effective for subjects in a range from 1 meter to approx. 3 meters (3-1/4 to 10 ft.).



1 Compose your picture and press the shutter button halfway.

2 Wait until the red lamp stops blinking and remains lit.

While the lamp blinks, the flash is being charged.

3 Press the shutter button all the way.

The flash will go off.

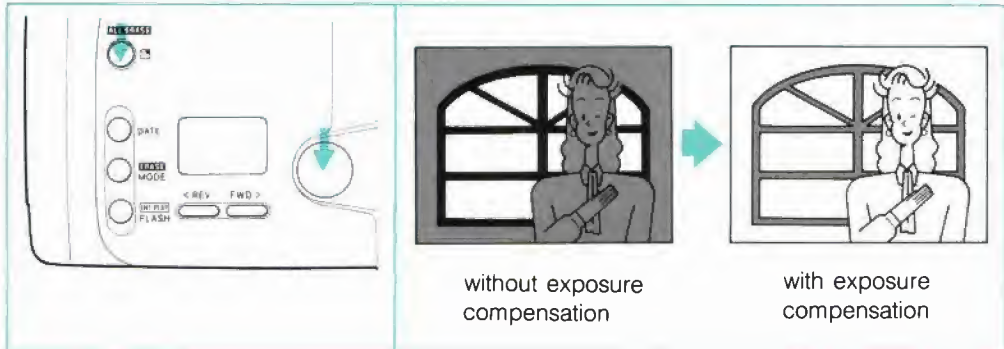
Flash OFF

To disable the flash, press the FWD (or REV) button while pressing the FLASH/INT.PLAY button.

FLASH OFF will appear in the display panel. (Use this feature if, for instance, you are taking pictures where use of flash is prohibited—in a museum or theater, for example.) To reset the flash-off photography, press the FWD (or REV) button while pressing the FLASH/INT. PLAY button again.

Shooting Backlit Subjects

A subject that is strongly lit from behind—backlit—will be dark when photographed. To compensate for the effects of back lighting, use either exposure compensation or forced flash techniques.



Exposure compensation

Press the shutter button while you hold the  /ALL ERASE button down.

The camera applies a +1.5 step compensation to adjust the exposure and give you the picture you want.

Forced flash

Hold down the FLASH/INT.PLAY button and press the shutter button.

The red lamp beneath the viewfinder blinks irregularly indicating the flash is being charged. The shutter will not be released until the lamp remains continuously lit.

NOTE

Forced flash adds illumination for an optimal exposure of both the subject and its background. Exposure compensation use only available light for a more natural effect. It is particularly valuable

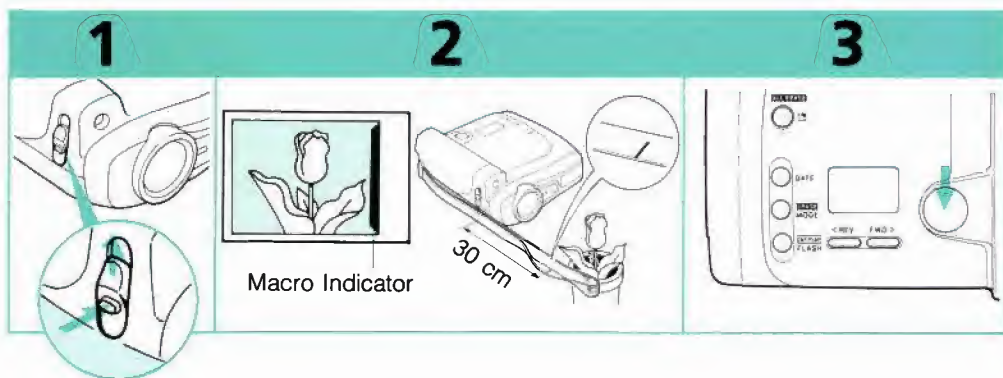
- Where flash photography is prohibited (in a church, for instance).
- Where the setting is strongly reflective (on a ski slopes, for instance).
- When a subject is backlit but too far away (a backlit clock tower from a distance, for instance).

Advanced Still Video Photography

Now that you have mastered the basics, move on to the advanced features your still video camera offers.

Macrophotography

Your still video camera has a built-in macro function. It lets you take closeups of subjects 30 cm (12 inches) from the camera.



1 Slide the **MACRO** selector, while pressing the little button on it, in the direction of the arrow.

2 Check that the red macro indicator appears on the right side of the viewfinder.

Position the subject 30 cm from the MACRO selector, using the mark on the neckstrap to measure.

3 Press the shutter button to take the picture.

Remember to turn the MACRO selector back to the normal position when you are finished.

NOTES

Using flash with macrophotography may overexpose some subjects:

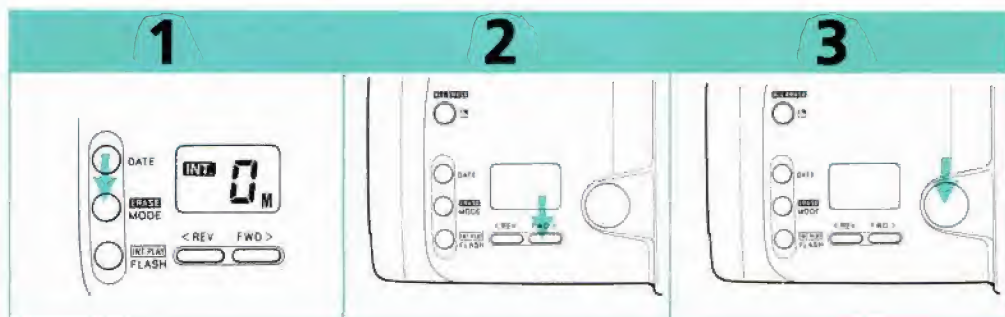
- Shiny objects
- Printed material or photographs
- White or light-colored objects

When shooting such subjects, if a test shot is overexposed, set the flash to OFF and use another light source.

Interval Shooting

Your still video camera lets you record up to fifty images (a full disk's worth) at intervals you set, from one to 99 minutes. That means you can record images for approximately an hour and up to a few days.

Interval shooting lets you do time-lapse photography. Use it to record the emergence of a butterfly, changes in a newborn child's expressions, or traffic patterns around the company water cooler, for instance. This easy-to-use feature will open up new worlds for you.



1 Press the **MODE/ERASE** button until **INT.** appears in the display panel.




2 Press the **FWD** (or **REV**) button to set the interval time, from one to 99 minutes.



3 Press the **shutter button** completely.

The camera will continue to take pictures at the designated interval until the disk is full. During interval shooting, the **INT.** message will continue to blink.

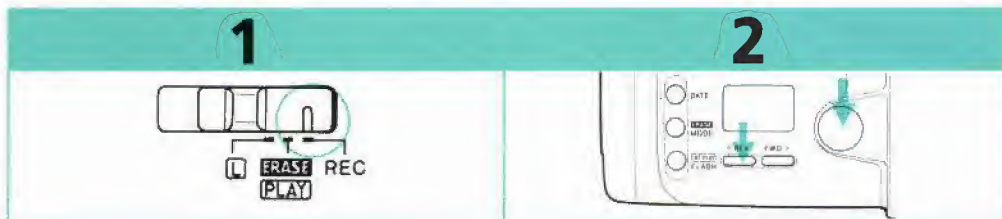
NOTES

- Use of a tripod is recommended with interval shooting.
- Be sure to use a fully charged battery pack (or use an AC outlet).
- To cancel interval shooting, set the main switch to  (Lock) or press the **MODE/ERASE** button.

Insert Shooting

Your camera automatically uses the next available track, in ascending order. Since, however, you can erase tracks (see the section on Erasing Pictures for instructions), you may have an empty track earlier in the sequence.

To find and record on that empty track, follow this procedure:



1 Insert the video floppy disk and set the main switch on REC.

2 Holding the REV button down, press the shutter button halfway.

The track number shown on the display will count down to the first available track. Then shoot as usual.

Skip Shooting

To skip a track and record on a higher track number.



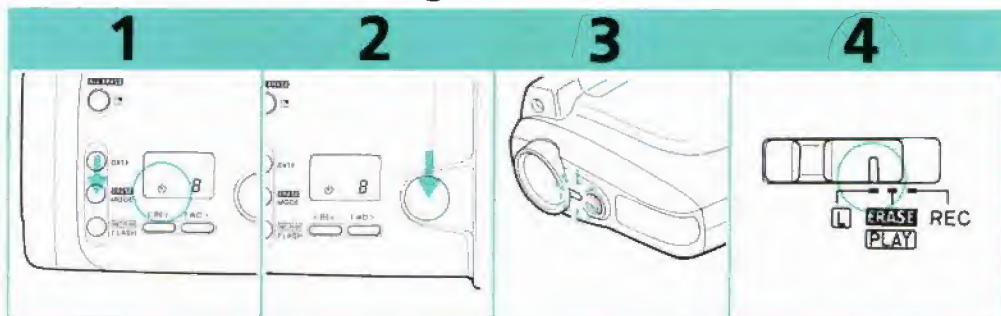
1 Insert the video floppy disk and set the main switch on REC.

2 Holding the FWD button down, press the shutter button halfway.

The track number shown on the display will count up to the next available track. Shoot as usual.

Each time you press the shutter button while holding down the REV or FWD button, the next available track will be set.

Self-timer Shooting



1 To put yourself in a picture, first press the **MODE/ERASE** button until  (the self-timer symbol) appears on the display panel.

2 Compose the picture as usual and press the shutter button completely.

3 The red self-timer indicator blinks for about 10 seconds before the picture is taken.

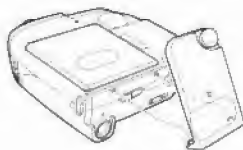
It starts blinking slowly, then speeds up 2 seconds before the shutter releases.

4 To cancel the self timer before the 10-seconds are over, set the main switch to **L (Lock)** or press the **MODE/ERASE** button.

Use of a tripod is recommended. To attach a tripod to the camera, use the Tripod Adapter.

Attaching the Tripod Adapter

1. Align the tabs on the adapter with the slots on the back of the camera.



2. Tighten the screw on the adapter.

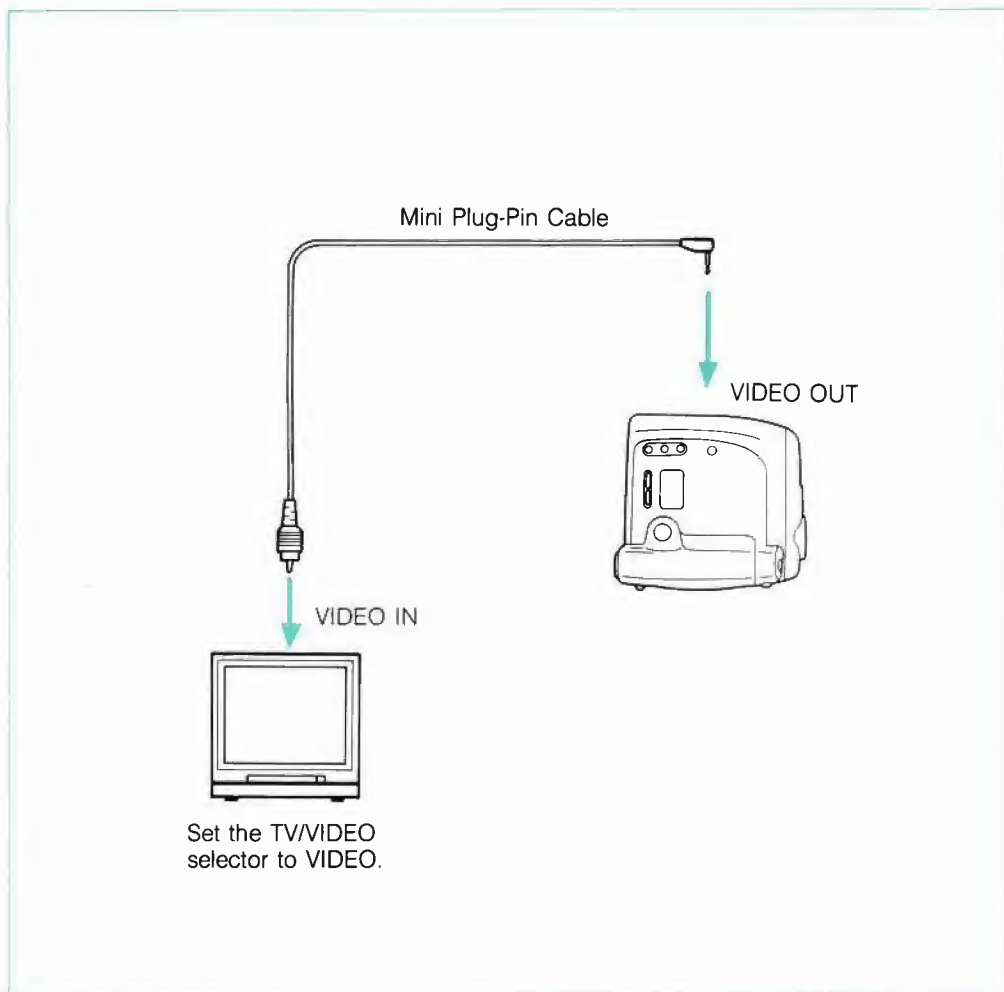


The video floppy disk cannot be removed when the Tripod Adapter is attached to the camera.

Viewing Pictures

Viewing on Battery Power

Your still video camera can be directly connected to a TV. A fully charged rechargeable battery can provide about 10 minutes of viewing.

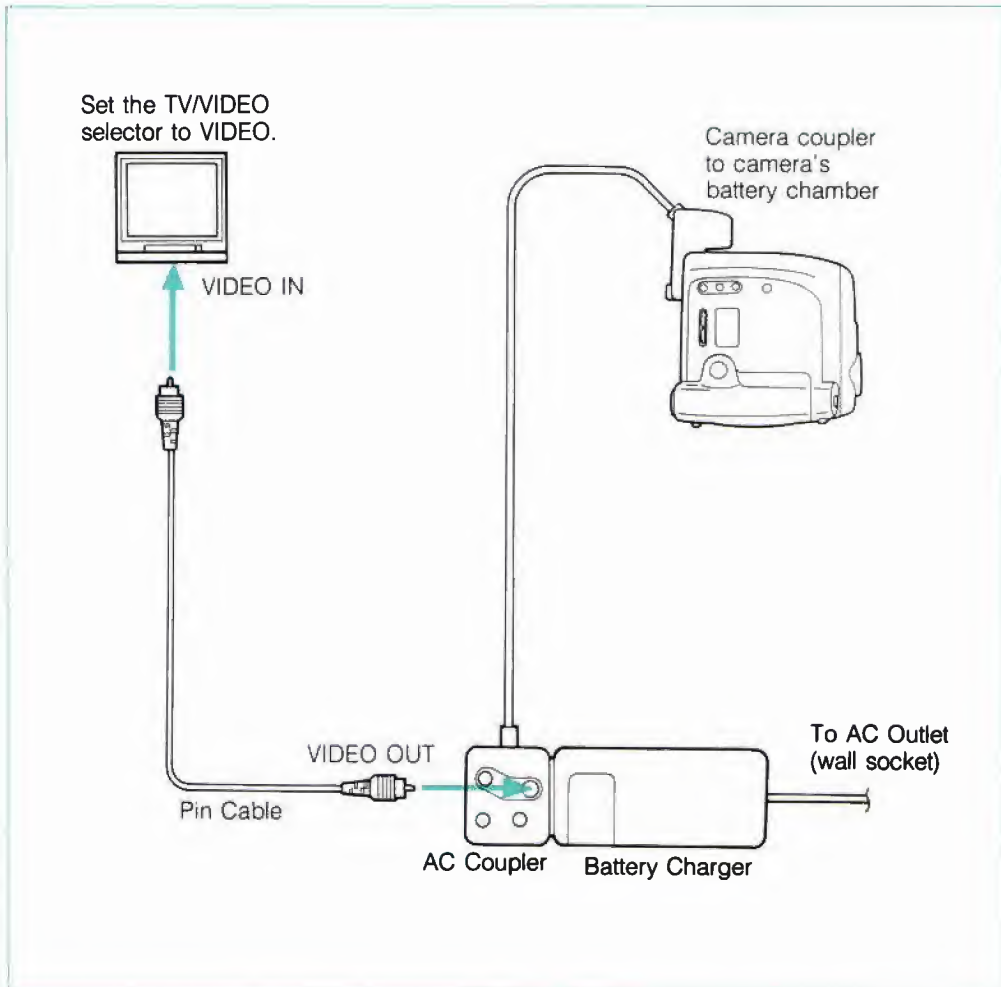


NOTES

- For a TV with a BNC video-in terminal, use a commercially available Pin-BNC adapter.
- Always remove the Mini Plug-Pin Cable from the camera when taking pictures.

Viewing on a TV with a Video-in Terminal

Use a Pin Cable (optionally available).

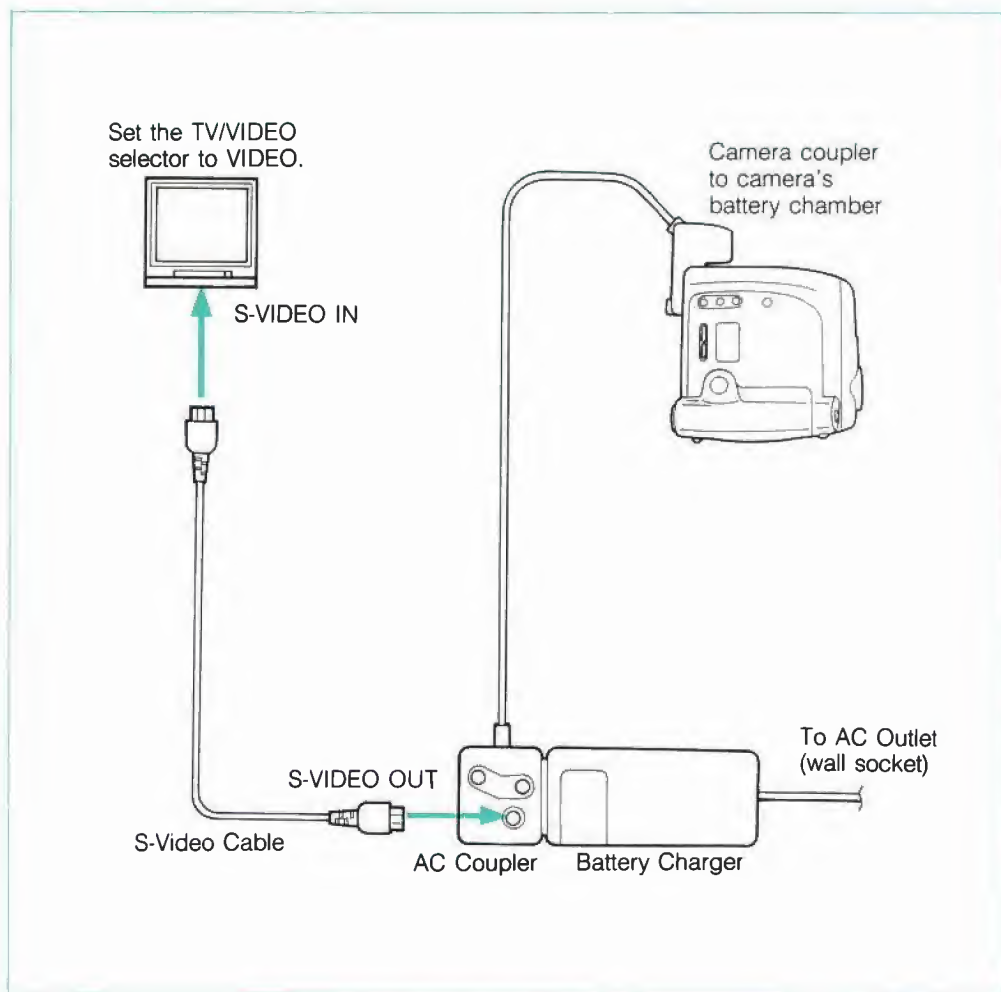


NOTE

- For a TV with a BNC video-in terminal, use a commercially available Pin-BNC adapter.

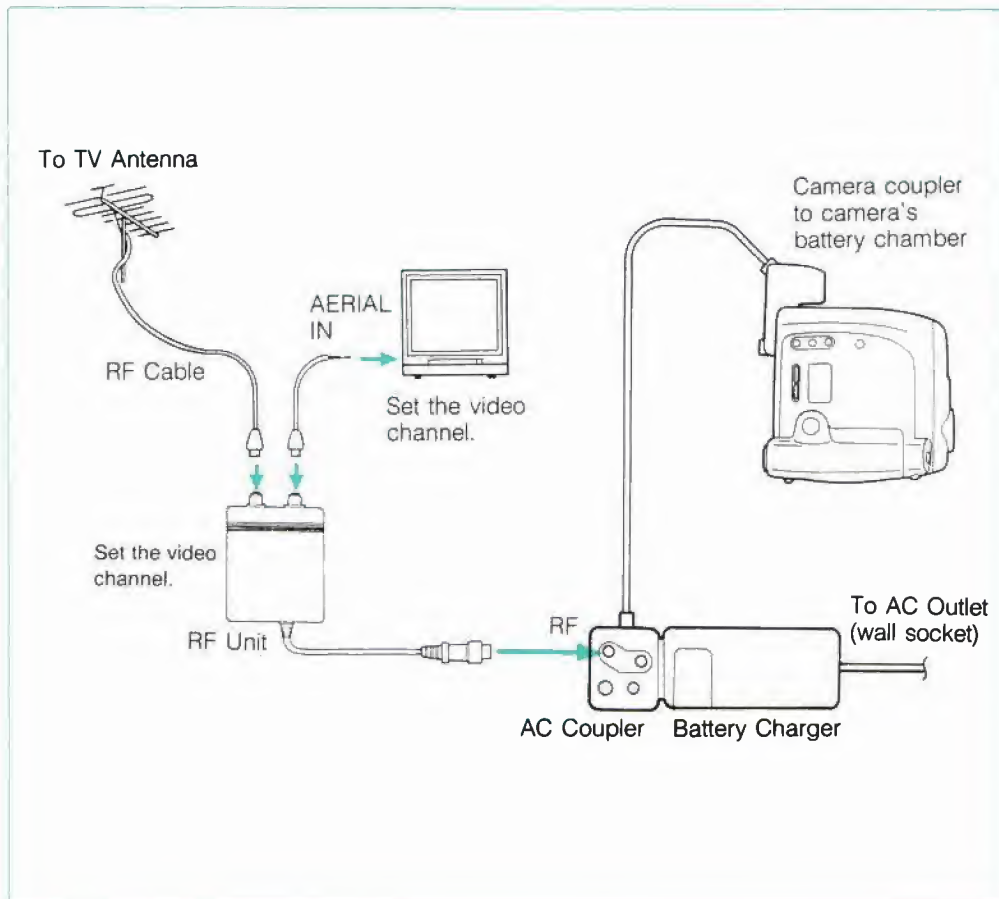
Viewing on a TV with an S-Video-in Terminal

If the TV has an S-Video-in terminal, you can use the optional S-Video Cable for clearer pictures.



Viewing on a TV with an Aerial-in Terminal

To connect the camera and TV, use the RF Unit and RF Cable.



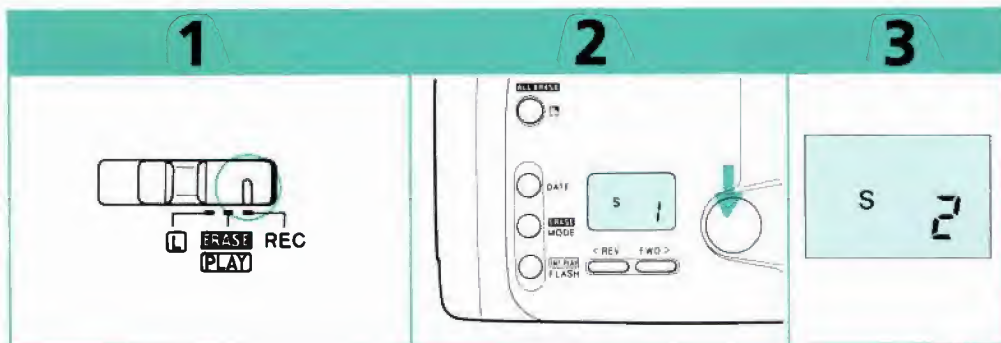
Selecting the Video Channel

If you are using a TV with an aerial-in terminal for viewing pictures, you must set both it and the RF unit to the video channel for your area. That is a channel not occupied by a broadcasting station. You can set the right channel for your area using a small flat-blade screwdriver.

For further information, see the directions for the RF Unit.

Previewing Pictures

The preview feature lets you see your pictures as soon as you take them. It is invaluable when you are shooting, for instance, macros indoors and need to check that the lighting and composition are right.



1 Connect the camera to a TV (pp.38 ~ 41), and set the main switch to REC (Shooting mode: Single-shot).

2 Press the shutter button fully, and keep it down.

The picture will be displayed on the TV as long as you hold the shutter button down.

3 Release the shutter button to end playback.

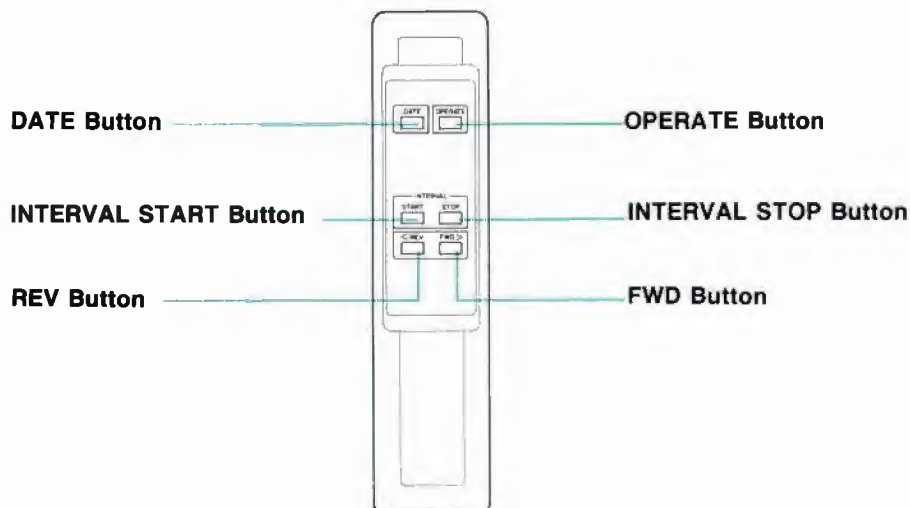
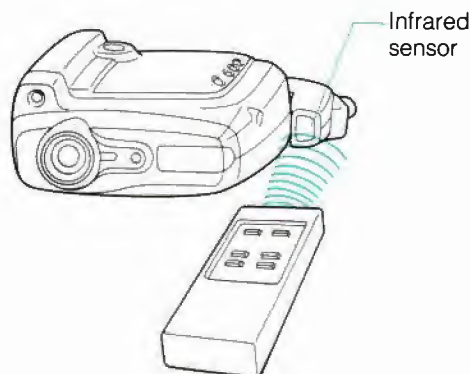
The picture has been recorded, and the track number in the display panel will increase. If you are not satisfied with the picture, follow the instructions on p.47 for erasing it.

Wireless Controller

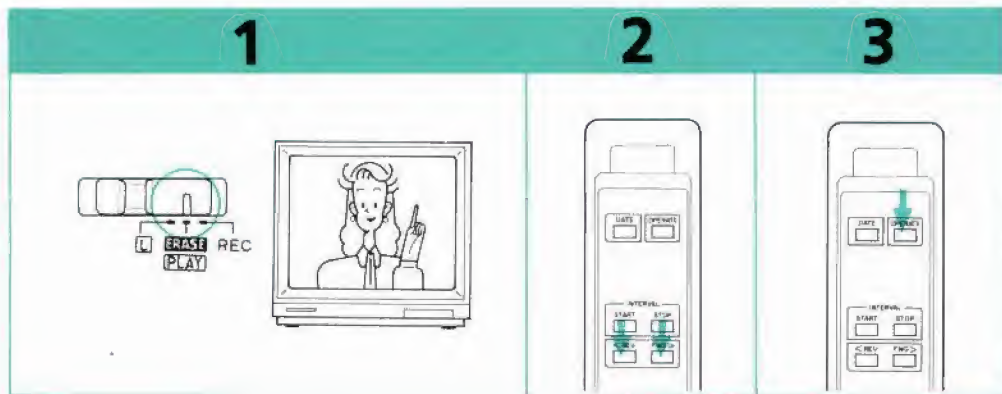
We recommend use of the Wireless Controller for viewing pictures. It is, however, possible to control viewing with the buttons on the camera.

With the Wireless Controller, you can change tracks, control the on-screen display of date information, operate interval playback, or turn the camera on and off.

- For best results, place your still video camera near, but not on, the TV.
- Be sure to aim the controller directly within 3 m (10ft.) at the infrared sensor on the camera coupler of the AC Coupler attached to the camera.



Viewing Pictures



1 Move the main switch to **PLAY/ERASE**.

The picture will be displayed on your TV screen.


- If you set the main switch to **PLAY/ERASE** immediately after shooting, the TV screen displays the picture you just took.
- If you insert a video floppy disk taken earlier, then move the main switch to **PLAY/ERASE**, the display on the TV screen will begin with the picture on track 1.

2 To see the next track on the video floppy disk you are viewing, press the **FWD (Forward)** button on the **Wireless Controller**.

To return to an earlier track, press **REV** (reverse).

3 To cancel viewing, press the **OPERATE** button on the **Wireless Controller**.

NOTES

- To view without the **Wireless Controller**, use the **FWD** and **REV** buttons on the camera; turn the main switch to  (**Lock**) or **REC** to cancel viewing.
- Viewing will automatically be cancelled if the same image is displayed for more than about 6 minutes using an AC outlet or about 3 minutes using the battery pack. To resume, press the **OPERATE** button on the **Wireless Controller** (or the shutter button on the camera).

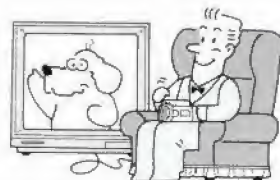
Continuous Playback

You may scan your pictures quickly to find, for instance, a particular shot.

- 1** Simply hold down the **FWD** (or **REV**) button on the **Wireless Controller** (or the camera).
- 2** Three pictures will be fed per second as long as you hold the button down.

NOTE

Viewing will stop when the 50th (or first, if you are viewing in reverse) track is reached.



Interval Playback

Displaying your pictures at 3.5-second intervals creates an effective show. Interval playback is helpful for presentation, checking the content of a video floppy or playing back a series of related images.

- 1** Press the **START** button on the **Wireless Controller** (or the **FLASH/INT.PLAY** button on the camera).
- 2** To cancel interval playback, press the **OPERATE** button on the **Wireless Controller** [or move the main switch on the camera to **L** (Lock)].



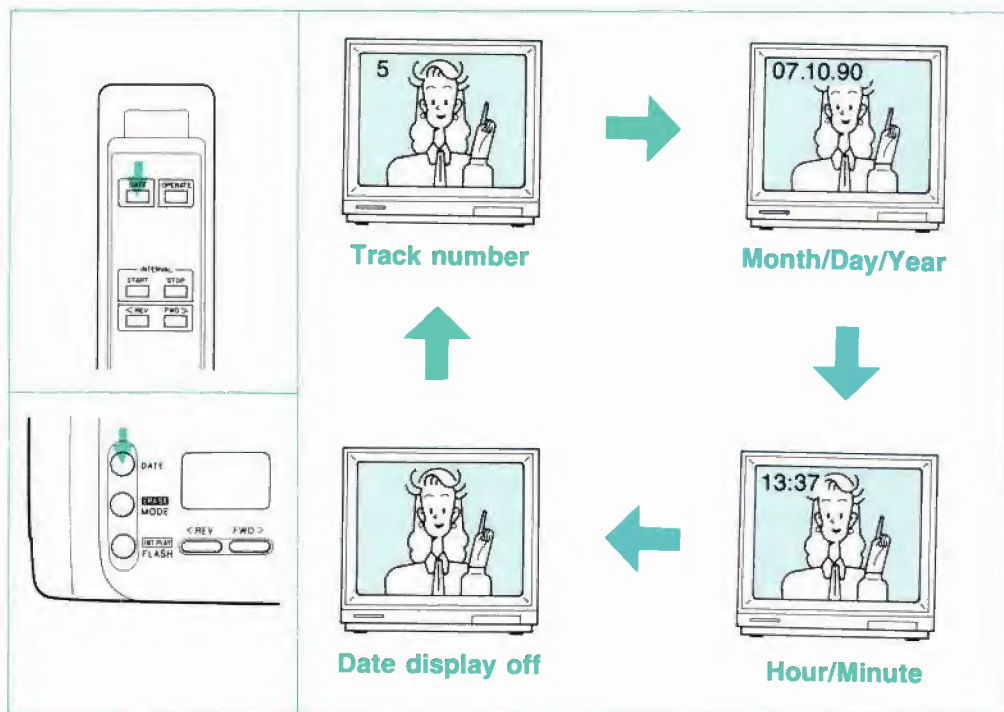
NOTES

- Interval playback stops automatically after about 6 minutes when using an AC outlet and about 3 minutes when using the Battery Pack.
- To interrupt interval playback, press the **INTERVAL STOP** button on the **Wireless Controller** (or the **FLASH/INT.PLAY** button on the camera).
- To resume, press the **INTERVAL START** button on the **Wireless Controller** (or the **FLASH/INT.PLAY** button on the camera).

Specifying Date Display

Your still video camera automatically recorded the date and time when you took your pictures. Now you can choose which, if any, of that information to display as you view. It's the best of both worlds: no more pictures marred by unwanted numbers in the corner, and no more guessing over when you took what shot.

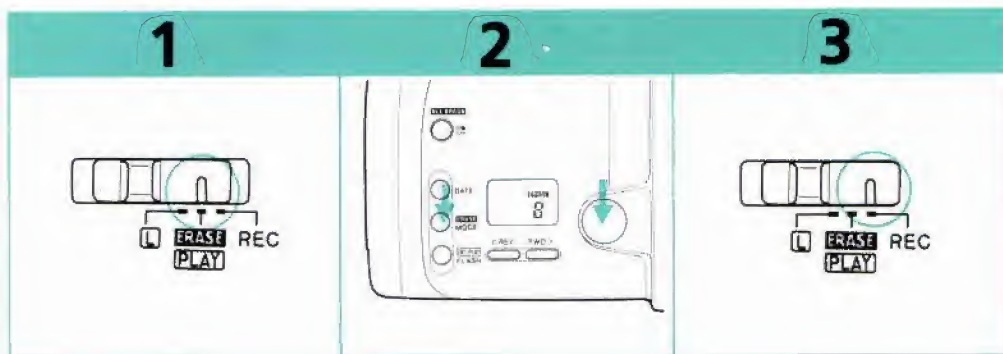
Each time you press the DATE button on the Wireless Controller (or the camera), the display changes in the sequence below:



Erasing Pictures

Erasing a Picture Just Taken

Your still video camera lets you erase pictures and take other pictures over them. If you are sure the picture you just took won't be satisfactory—if the subject moved, for instance—just erase it and reuse that track.



1 Set the main switch to **PLAY/ERASE**.

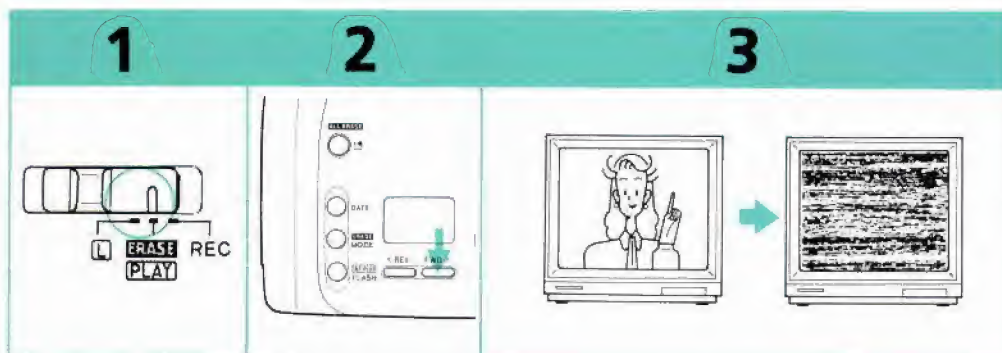
2 Hold down the **MODE/ERASE** button (the message **ERASE** appears in the display panel) and press the shutter button.

The track number in the display panel blinks twice. The picture is then erased.

3 Move the main switch to **REC** to take another picture on that track.

Erasing Pictures Taken Earlier

To decide which tracks to erase, use the erase feature while your camera is connected to a TV. (See pp. 38-41.)



1 Insert the video floppy disk and set the main switch to **PLAY/ERASE**.

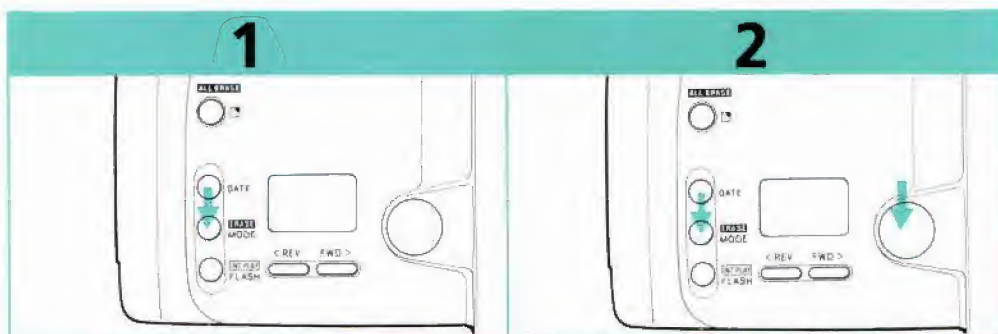
2 Scan through the pictures, using the **FWD** (or **REV**) button, until you find one to be erased.

3 Hold the **MODE/ERASE** button down and press the shutter button.

When the picture is erased, the track number in the display panel blinks twice, and then the picture disappears from the screen.

Continuous Erase

The continuous erase feature lets you erase a series of pictures, beginning with the track number first shown in the display and working forward.



1 Press the **MODE/ERASE** button.

2 Holding it down, press the **SHUTTER** button.

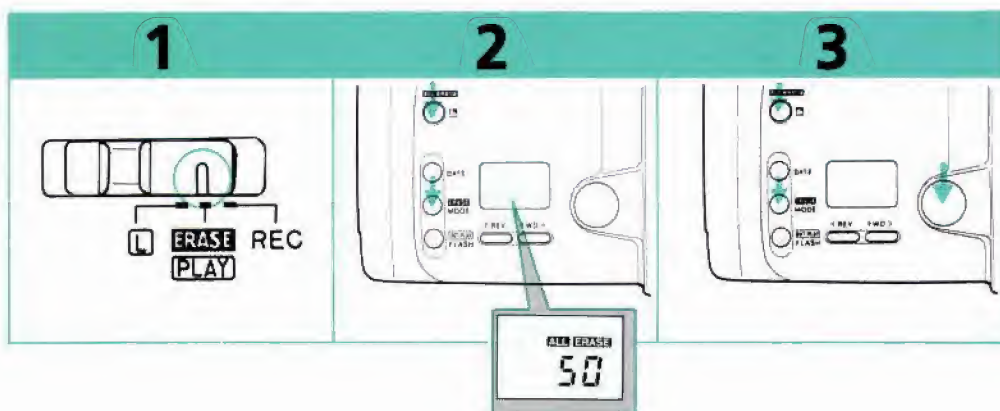
Hold down until all the pictures you do not want have been erased.

NOTES

- Be sure to stop pressing the **MODE/ERASE** or the shutter button just after the highest track number in the display panel blinks twice.
- If the battery pack is short of power, the low battery warning **L b** will blink in the display panel and the pictures will not be erased.

Erase All


The erase all feature lets you erase all the pictures, beginning with the 50th track and working backward.



1 Move the main switch to **PLAY/ERASE**.



2 Holding down the **MODE/ERASE** button, press the  **/ALL ERASE** button.

The message **ALL ERASE** will appear on the camera display panel.

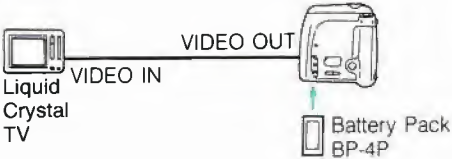
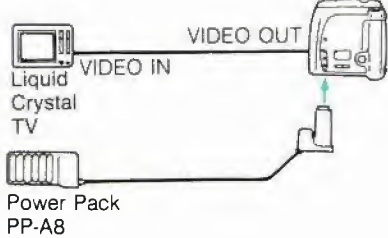
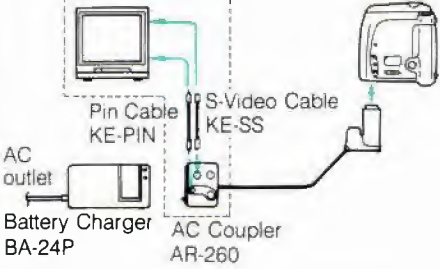
3 Holding down the **MODE/ERASE** button and  **/ALL ERASE** button, press the shutter button fully.

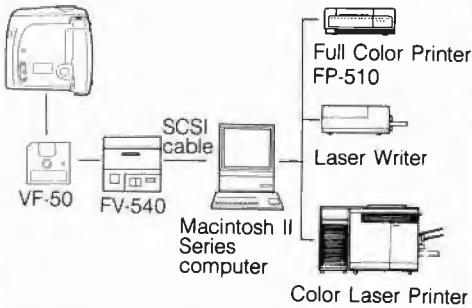
The message **ALL ERASE** will appear on the display panel, with the number of the track being erased.

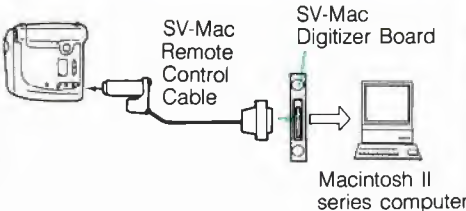
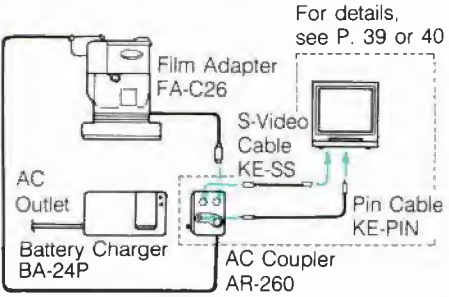
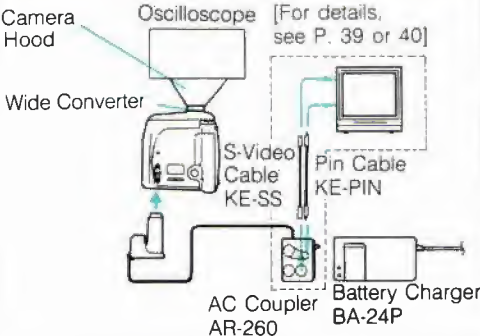
NOTES

- As soon as the camera starts erasing, you can remove your finger from the shutter button: It will continue to erase.
- You may stop at any time by pressing the shutter button or moving the main switch to  (Lock)
- If the battery pack is short of power, the low battery warning  will blink in the display panel and the pictures will not be erased.

Situations and Connections

Situation	What You Need	Connections
To record or view outdoors or in other situations without an AC power source.	<ul style="list-style-type: none"> • Battery Pack BP-4P 	 <p>Diagram illustrating the connection for recording or viewing outdoors without an AC power source. A Liquid Crystal TV is connected to the camera via VIDEO IN and VIDEO OUT cables. The camera is powered by a Battery Pack BP-4P.</p>
To record many images (up to 80 video floppy disks full, without use of flash) or view over an extended period (within 1 hour) outdoors or in other situation without an AC power source.	<ul style="list-style-type: none"> • Power Pack PP-A8 	 <p>Diagram illustrating the connection for recording many images or viewing over an extended period without an AC power source. A Liquid Crystal TV is connected to the camera via VIDEO IN and VIDEO OUT cables. The camera is powered by a Power Pack PP-A8.</p>
To record many images (80 video floppy disks full or more) or view over an extended period (1 hour or more)	<ul style="list-style-type: none"> • AC Coupler AR-260 • Battery Charger BA-24P • Pin Cable KE-PIN or • S-Video Cable KE-SS 	<p>(For details, see P. 39 or 40)</p>  <p>Diagram illustrating the connection for recording many images or viewing over an extended period. A Liquid Crystal TV is connected to the camera via VIDEO IN and VIDEO OUT cables. The camera is powered by a Battery Charger BA-24P connected to an AC outlet. The TV is connected to the camera via a Pin Cable KE-PIN or S-Video Cable KE-SS. An AC Coupler AR-260 is also shown.</p>

Situation	What You Need	Connections
To view on a monitor with a VIDEO IN terminal	<ul style="list-style-type: none"> • Mini Plug-Pin Cable KE-M2P [for viewing more than 1 hour] • AC Coupler AR-260 • Battery Charger BA-24P • Pin Cable KE-PIN 	For details, see P. 38 or 39
To view on a monitor with an S-VIDEO IN terminal	<ul style="list-style-type: none"> • AC Coupler AR-260 • Battery Charger BA-24P • S-Video Cable KE-SS 	For details, see P. 40
To view on a television with an AERIAL IN terminal	<ul style="list-style-type: none"> • AC Coupler AR-260 • Battery Charger BA-24P • RF Unit RF-301 • RF Cable KE-FO (• Antenna Plug CN-75/300) 	For details, see P. 41
To input images recorded with the RC-360 to the Macintosh II computer	<ul style="list-style-type: none"> • Video Floppy Disk Drive FV-540 • SCSI cable 	 <p>The diagram illustrates the setup for inputting images recorded with the RC-360 to the Macintosh II computer. It shows a VF-50 video floppy disk drive connected to an FV-540 video floppy disk drive. The FV-540 is connected to the Macintosh II Series computer via a SCSI cable. The Macintosh II Series computer is then connected to three output devices: a Full Color Printer FP-510, a Laser Writer, and a Color Laser Printer.</p>

Situation	What You Need	Connections
To input images recorded with the RC-360 to the Macintosh II computer	<ul style="list-style-type: none"> • SV-Mac Digitizer <p>* With other digitizer also, you can capture still video images with your personal computer.</p>	 <p>SV-Mac Remote Control Cable</p> <p>SV-Mac Digitizer Board</p> <p>Macintosh II series computer</p>
To view a color negative film or slide on a monitor and record it on a video floppy disk	<ul style="list-style-type: none"> • Film Adapter FA-C26 • AC Coupler AR-260 • Battery Charger BA-24P • Monitor • Pin Cable KE-PIN or • S-Video Cable KE-SS 	 <p>Film Adapter FA-C26</p> <p>AC Outlet</p> <p>Battery Charger BA-24P</p> <p>AC Coupler AR-260</p> <p>S-Video Cable KE-SS</p> <p>Pin Cable KE-PIN</p> <p>For details, see P. 39 or 40</p>
To record oscilloscope waveforms on a video floppy disk	<ul style="list-style-type: none"> • Camera Hood • Wide Converter • AC Coupler AR-260 • Battery Charger BA-24P • Monitor • Pin Cable KE-PIN or • S-Video Cable KE-SS 	 <p>Camera Hood</p> <p>Oscilloscope</p> <p>Wide Converter</p> <p>S-Video Cable KE-SS</p> <p>Pin Cable KE-PIN</p> <p>AC Coupler AR-260</p> <p>Battery Charger BA-24P</p> <p>[For details, see P. 39 or 40]</p>

Troubleshooting

If your camera fails to work properly, check its symptoms with the chart below. If the malfunction persists, consult your dealer.

Symptom	Cause	Solution	See page
The camera does not work at all.	• Condensation has occurred.	• Remove the videl floppy disk from the camera and set the camera aside until the condensation disappears.	
	• Battery power is low.	• Insert a fully charged battery.	18
	• Battery is inserted incorrectly.	• Check instructions and reinsert.	18
	• Battery connection is poor.	• Wipe the terminals with a clean, dry cloth and reinsert.	
	• The battery cover is not closed.	• Close the cover securely.	18
	• The AC Coupler and Battery Charger are not connected correctly.	• Check instructions and reconnect.	
The shutter does not release.	• The main switch is not on REC.	• Move the main switch to REC.	14
	• The battery power is low (Lb blinking on display) or battery is missing.	• Insert fully charged battery.	18
	• A disk has not been inserted. (00 blinking on display.)	• Insert a disk.	25
	• The disk appears to be full. (50 blinking on display.)	• Insert a new disk, or use Insert function to backtrack to empty tracks.	36
	• The erasure prevention tab is missing. (Pr blinking on display.)	• Insert a new disk or cover the tab area with a seal or tape.	23
The battery pack is quickly discharged.	• The ambient temperature is too low.	• Use the camera at above 0°C (32°F).	
	• The battery pack has not been charged fully.	• Charge the battery pack fully.	19
	• The battery pack does not maintain the original performance because of reaching its life or other reasons.	• Replace with a new battery pack.	

Symptom	Cause	Solution	See page
Cannot view pictures.	• The main switch is not at PLAY/ERASE.	• Move the main switch to PLAY/ERASE.	14
	• Camera is not connected to a TV properly.	• Correct connections.	38 ~ 41
	• The TV's video switch, video channel, or channel switch on the RF unit has not been set correctly.	• See the instructions for your TV and RF unit.	41
	• Disk is blank.	• Insert a disk on which pictures have been recorded.	
	• Viewing has been automatically cancelled.	• Press the shutter button halfway.	44, 45
Cannot erase pictures.	• The main switch is not at PLAY/ERASE.	• Move the main switch to PLAY/ERASE.	14
	• The erasure prevention tab on the disk has been broken off.	• Cover the tab area with a seal or tape.	23
Pictures do not look clear.	• A motor or noise source is near the camera or TV.	• Remove the source of noise.	
	• The disk is defective.	• If pictures on another disk are clear, the first disk is damaged and should be disposed of. Do not use damaged disks.	
	• The lens is dirty.	• Clean the lens with a cleaning paper.	
	• The video head is dirty.	• Clean the video head.	24
	• The video head is worn.	• If cleaning the head does not help, consult your dealer about having it replaced.	
Display is dark.	• Liquid crystals may darken at high temperatures (60°C or 140°F).	• Use the camera at 0°C to 40°C (32°F to 104°F).	
Display is sluggish.	• Liquid crystals respond slowly in cold.		
Display is blurry or has poor contrast.	• Liquid crystal is wearing out.	• Consult your dealer about having it replaced.	

Specifications

Type	Still video camera with external viewfinder
Recording	
Recording System	Complies with Hi-Band format agreed upon by the Electronic Still Camera Standardization Committee
Video Signal	Conforms to NTSC color format
Recording Medium	Still video floppy disk
Image Pickup Element	1/2" CCD image sensor, 260,000 pixels
Image Size	6.4H x 4.8V mm (equivalent to 1/2 inch)
Lens	Fixed, single-focus, 9.5 mm (equivalent to 51 mm in 35 mm camera), f/2.4 Shooting range: 1.0 m (3-1/4 ft.) to ∞ 30 cm (12 in.) from the imaging plane in macro mode
Viewfinder	Real image secondary imaging finder Magnification: $\times 0.55$ Coverage: 82% Dioptric adjustment: -4 to +2 diopters
Shutter	Programmed lens shutter: the two shutter blades also serve as diaphragm blades Speed: 1/500 to 1/30 second Flash sync speed: 1/90 second
Light Metering System	Feedback AE with SPC and CCD signal
Exposure Control	Programmed AE (1/30 sec., f/2.4 to 1/500 sec., f/22)
Metering Range	EV 8-18 (at ISO 100)
Exposure Compensation	+1.5 EV approximately
White Balance	Through-the-lens automatic tracking
Flash	Built-in, light amount adjusting Coupling range: Within 3 m Mode: Automatic, off, or forced
Date Recording	Automatic recording of track number, month/day/year, hour/minute, superimposed on video signal through DPSK modulation

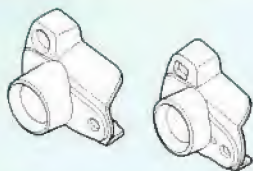
Playback

Scanning Method	2:1 interlace
Output	Video signal; 1Vp-p, 75 Ω , unbalanced (ϕ 2.5 mm mini jack) S-Video signal; 1Vp-p (Y), 0.3Vp-p (C), 75 Ω , unbalanced Control signal for the RF Unit
Horizontal Resolution	Recording/playback: 380 TV lines min. Playback: 400 TV lines min.
Power Supply	Main battery: Battery Pack BP-4P (8V, 200 mAh lead-acid battery) Power Pack PP-A8 Battery Charger BA-24P and AC Coupler AR-260 Sub battery: Lithium battery CR 2032 (2-year lifetime)
Operating Temperature and Humidity	0°C to 40°C (32°F to 104°F), 90% max.
Dimensions	111.5 (W) \times 42 (H) \times 113 (D) mm (4-3/8 \times 1-5/8 \times 4-7/16 in.)
Weight	Approximately 475 g (16-3/4 oz) (with battery) Approximately 410 g (14-1/2 oz) (without battery)

* All data are based on Canon's Standard Test Method.

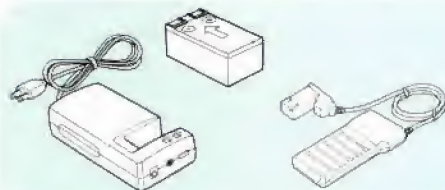
* Subject to change without notice.

Accessories



- **Conversion Lens Set CL-C26**

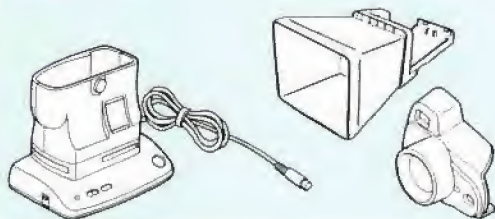
The Teleconverter extends the lens focal length by a factor of 1.3; the Wideconverter reduces it by a factor of 0.7.



- **Battery Pack BP-4P**

- **Battery Charger BA-24P**

- **Power Pack PP-A8**



- **Film Adapter FA-C26**

- **Camera Hood Kit CD-C26**

Comprises the camera hood and the wide converter.



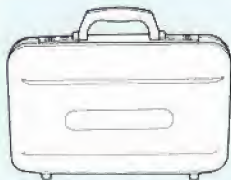
- **S-Video Cable KE-SS**



- **Pin Cable KE-PIN**



- **RF Unit RF-301**



- **System Bag SB-C26**

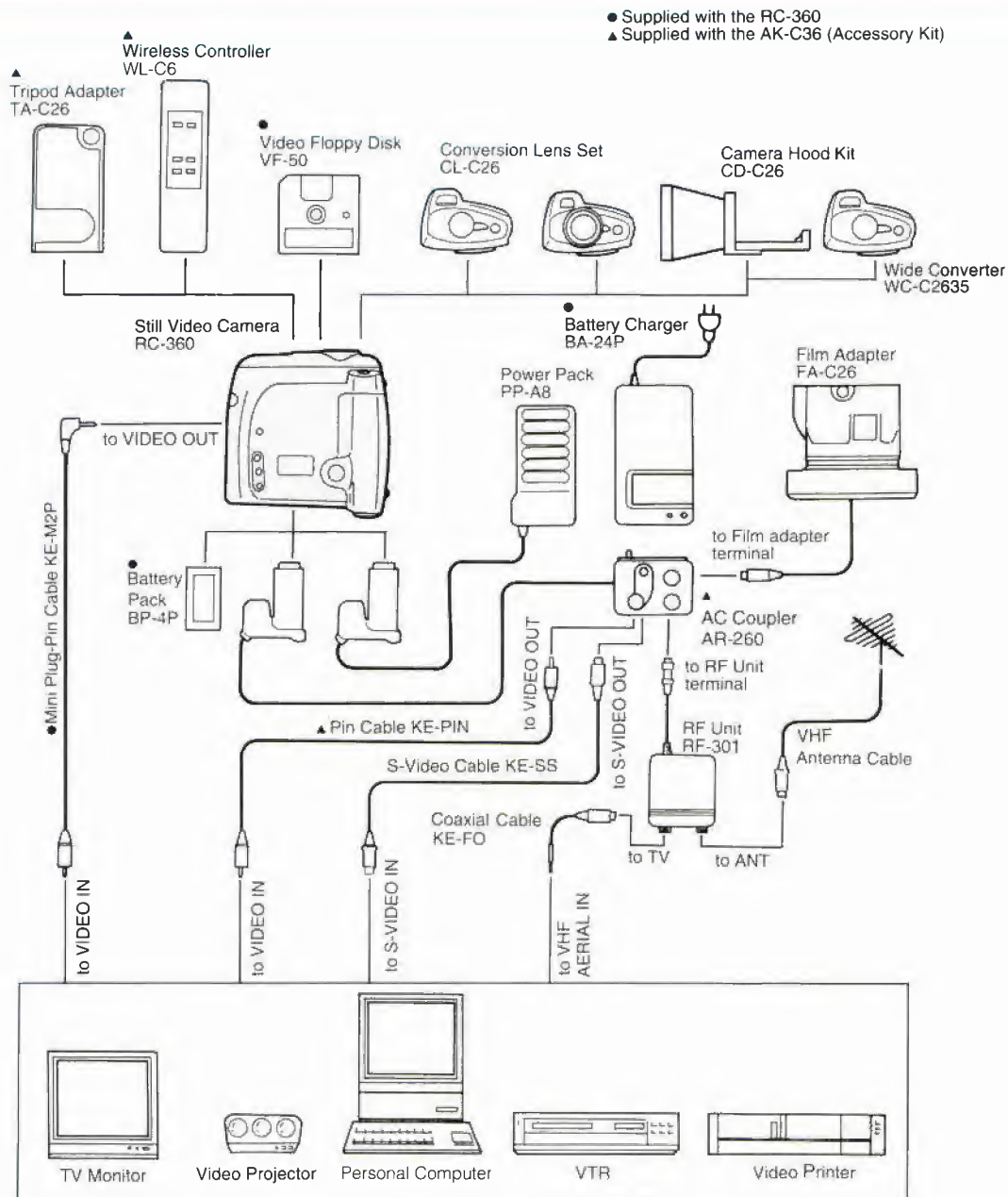
Holds the RC-360 Kit and accessories.



- **Handy Bag HB-C26**

Holds the camera, power pack, wireless controller, battery pack, cables, and floppies.

RC-360 System Chart



Canon

CANON INC. 7-1, Nishi-Shinjuku 2-Chome, Shinjuku-ku, Tokyo 163-07, Japan
Mailing Address: P.O. Box 5050, Dai-ichi Seimei Building, Tokyo 163-07, Japan

U S A _____ **CANON U.S.A., INC. HEADQUARTERS**
One Canon Plaza, Lake Success, N.Y. 11042, U.S.A.
CANON U.S.A., INC. WESTERN REGIONAL OFFICE
15955 Alton Parkway Irvine, CA 92718-3616, U.S.A.

CANADA _____ **CANON CANADA INC. HEADQUARTERS**
6390 Dixie Road, Mississauga, Ontario L5T 1P7, Canada
CANON CANADA INC. MONTREAL SERVICE CENTER
10652 Côte de Liesse, Montreal, Quebec H8T 1A5, Canada
CANON CANADA INC. CALGARY OFFICE
2828, 16th Street, N.E. Calgary, Alberta T2E 7K7, Canada

CENTRAL &
SOUTH AMERICA _____ **CANON LATIN AMERICA, INC. DEPTO. DE VENTAS**
Apartado 7022, Panamá 5, República de Panamá
CANON LATIN AMERICA, INC. CENTRO DE SERVICIO Y REPARACION
Apartado 2019, Zona Libre de Colón, República de Panamá

ASIA _____ **CANON HONG KONG TRADING CO., LTD.**
10/F Mirror Tower, 61 Mody Road, Tsimshatsui East, Kowloon, Hong Kong
CANON SINGAPORE PTE. LTD.
95 South Bridge Road, #13-01/15, Pidemco Centre, Singapore 0105

JAPAN _____ **CANON SALES CO., INC.**
12-15, Mita 3-Chome, Minato-ku, Tokyo 108, Japan